



Quarterly Monitoring Report 2nd Quarter 2011

**Dayco Corporation/L.E. Carpenter Superfund Site,
Borough of Wharton, Morris County, New Jersey
USEPA ID No. NJD002168748**

July 29, 2011



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Prepared For
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Quarterly Monitoring Report 2nd Quarter 2011

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Section 1

Introduction and Summary

TRC Environmental Corporation (TRC), on behalf of L.E. Carpenter & Company (LEC), has prepared this Quarterly Monitoring Report for the Dayco Corporation/L.E. Carpenter Superfund Site (Site) located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly groundwater and surface water monitoring events are performed and associated reports are completed and submitted to the United States Environmental Protection Agency (USEPA), to comply with paragraph 49 of the 2009 Unilateral Administrative Order (UAO) issued to LEC by the USEPA (effective August 6, 2009).

Note that TRC Companies, Inc. acquired RMT's Environmental Business Unit effective June 6, 2011.

The following tasks were completed during the second quarter of 2011 (2Q11):

- Quarterly groundwater quality monitoring of both the MW19/HS-1 and MW-30 areas of concern (AOCs),
- Quarterly Monitored Natural Attenuation (MNA) groundwater monitoring of the MW-30 AOC,
- Hydrogeologic and hydrologic assessments of shallow site groundwater and adjacent surface water bodies, and
- Surface water quality assessments of the Rockaway River and Eastern Drainage Channel.

This Quarterly Monitoring Report for 2Q11 presents a discussion of activities performed during the period and results obtained for each of the monitored AOCs. A summary of observations are as follows:

- **MW19/HS-1:** Consistent with the Remedial Action Work Plan (RAWP) Addendum approved by USEPA on December 21, 2009, implementation of the MW19/HS-1 area remediation began on January 11, 2010 and was completed in mid-April 2010. Documentation of the event was included in the Addendum to the Remedial Action Report (RAR Addendum (RMT 2010)), along with a proposed post remedial monitoring plan (PRMP) which included supplemental monitoring well installation, soil gas sampling, and groundwater quality analysis for the area. The PRMP has been implemented beginning with installation of new monitoring wells and soil gas sampling in November and December 2010. The RAR Addendum was conditionally approved on July 12, 2011. The data summarized in this 2Q11 report show that benzene, toluene, ethylbenzene, and xylenes (BTEX)-impacted groundwater remains, but still has not migrated off-site. Also, as

described in Section 4, natural attenuation of constituents of concern (COCs) dissolved in groundwater via biodegradation remains strong following removal of source material.

As outlined in an e-mail dated July 12, 2011, USEPA has reviewed and conferred formal approval of the Addendum to the Remedial Action Report (RAR), Source Reduction, dated July 2010. EPA approval was predicated on the following condition related to Subsection 12.2, Soil Gas Sampling:

While soil gas sampling results may provide valuable additional information with respect to plume delineation and the behavior of vapors in the groundwater, USEPA does not rely on these results to determine the need for vapor intrusion sampling in homes or buildings located near a site. It is USEPA's understanding, based upon discussions with RMT (now TRC), that you do not believe that vapor intrusion testing is warranted based on the non-detects in the 3 GW sampling locations proximate to the homes. USEPA believes that before a final determination on the need for vapor intrusion sampling can be made, additional sampling data should be collected (for a minimum of four additional quarters) to verify that these wells remain non-detect. USEPA's position on this issue should be clearly outlined in Subsection 12.2 of the subject document.

Based on the 2Q11 data obtained, continuation of groundwater quality and MNA monitoring in the MW19/HS-1 area is recommended. Consistent with the USEPA request received with RAR Addendum approval, the monitoring program will include sampling of three Ross Street monitoring well locations for a minimum of four additional quarters, beginning with the 3Q 2011 event, to confirm absence of detectable concentrations of volatile COCs. Ross Street well sampling will include analysis for site-related COCs (BTEX and DEHP) and 1,3-butadiene, a non-site –related COC detected at low concentrations in Ross Street soil gas samples.

- **MW-30 AOC:** Shallow groundwater flow in the MW-30 area is similar to flow that occurred prior to the 2005 source reduction. Specifically, shallow groundwater at the Site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam. The effect of the buried slurry monolith on groundwater flow appears to be limited in extent and occurs mainly within and near the edges of the Source Reduction area. Concentrations of constituents detected within the MW-30 PRMP monitoring network exhibited similar concentrations to previous monitoring periods.

A scope of work to further evaluate the source of groundwater contamination above solubility limits in the wetland area and a bench scale study to evaluate polishing-remediation of dissolved *bis* 2-ethylhexylphthalate (DEHP) remaining in the slurry monolith area was presented in TRC's July 8, 2011 Revised Addendum to the USEPA approved RAWP. LEC anticipates initiating the remedial investigation and dissolved phase remedial pilot work in the MW-30 area shortly after USEPA approval of the complete RAWP Revised Addendum #1 (see Section 7.1 for additional details).

- **Surface Water:** COCs were not detectable in any of the Rockaway River samples. Surface water sample SW-D-3 and SW-D-4 collected from the Eastern Drainage Channel exhibited DEHP at concentrations slightly above background. BTEX constituents were not detected at any surface water monitoring locations in the Eastern Drainage Channel.

Section 2

Sampling Approach and Methods

The 2Q11 monitoring activities were conducted from May 23 through May 27, 2011. A site plan showing current conditions and locations of the monitoring points sampled this quarter are shown on Figure 2. A photographic summary of the sampling events and a copy of the field notes are provided in Appendix A.

2.1 Water Level Measurements

Static groundwater levels were measured within 35 groundwater monitoring wells throughout the Site on May 23, 2011 as part of the 2Q11 sampling activities. In addition, surface water levels were measured at eight separate locations along the Rockaway River and five locations along the Eastern Drainage Channel.

2.2 Site-wide Groundwater Sampling

Groundwater monitoring was performed in accordance with the procedures contained in the New Jersey Department of Environmental Protection's (NJDEP's) *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005), and methodologies outlined in our May 2001 MNA work plan. The MNA work plan was approved by NJDEP on January 24, 2002.

Three sample duplicates, three trip blanks, a field (atmosphere) blank, two matrix spike/matrix spike duplicates (MS/MSDs), and three rinsate blanks were collected to satisfy quality assurance /quality control (QA/QC) requirements outlined in the revised Quality Assurance Project Plan (QAPP) presented as Appendix C in the PRMP.

The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The blind duplicate samples were collected at SW-D-2 (Dup-01), MW-30i (Dup-02), and MW-19-7R (Dup-03) and analyzed for BTEX and DEHP. Dup-02 and Dup-03 were also analyzed for MNA parameters. Rinsate blank RB-02 and RB-03 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify that decontamination procedures were adequate. Any sampling equipment used at each well was decontaminated prior to each use utilizing an environmental detergent (Alconox®) and clean water wash followed by a distilled water rinse. The field (atmosphere) blank was taken by opening a bottle of unpreserved distilled water, leaving the bottle open during the sampling of one well, and pouring that water directly into clean sample bottles with added preservative also provided by the laboratory. Groundwater samples were submitted to Trace Analytical Laboratories, Inc (Trace), located in

Muskegon, Michigan for BTEX, DEHP, and MNA parameter analyses (State of New Jersey Laboratory Certification No. MI008).

A subsequent field blank was collected on June 23, 2011 to evaluate potential contributions to low level detections of DEHP observed in many of the MW-30 area wells. The purpose of the field blank was to assess whether the disposable tubing stored at the Site and used during the 2Q11 sampling event was responsible for the low-level detections of DEHP observed in MW-30 Area groundwater samples. This field blank was also submitted under chain-of-custody to Trace for analysis. The June 23 field blank sample was collected by pumping distilled water through an unused 10-foot long section of $\frac{3}{8}$ "-diameter polyethylene tubing stored at the Site. Additional discussion regarding this issue is included in Section 5 of this report.

2.3 Surface Water Sampling

As part of the 2Q11 event, five sampling points (SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5) within the Eastern Drainage Channel that separates the adjacent Air Products property from the LEC Site and the adjacent Wharton Enterprises property were sampled for surface water quality. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005. Surface water samples were also collected at the intersection of the Eastern Drainage Channel and the Rockaway River (approximately 10 feet upstream in the Eastern Drainage Channel, DRC-02) and at five surface water samples from the Rockaway River (SW-R-1, SW-R-2, SW-R-3, SW-R-4, SW-R-6) as shown on Figure 2.

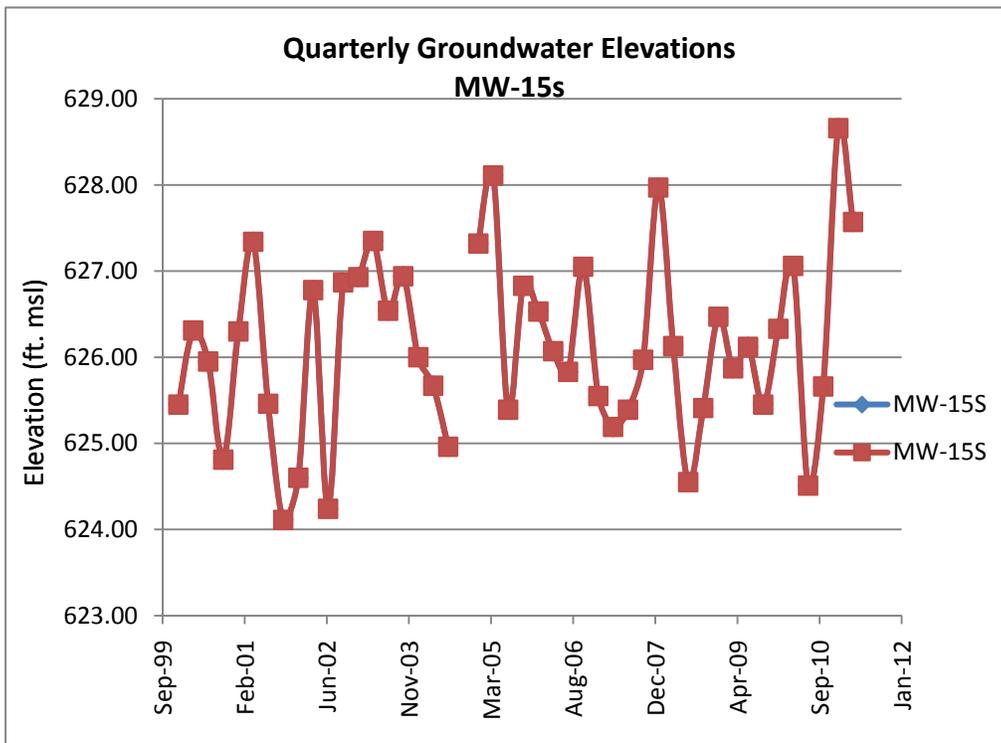
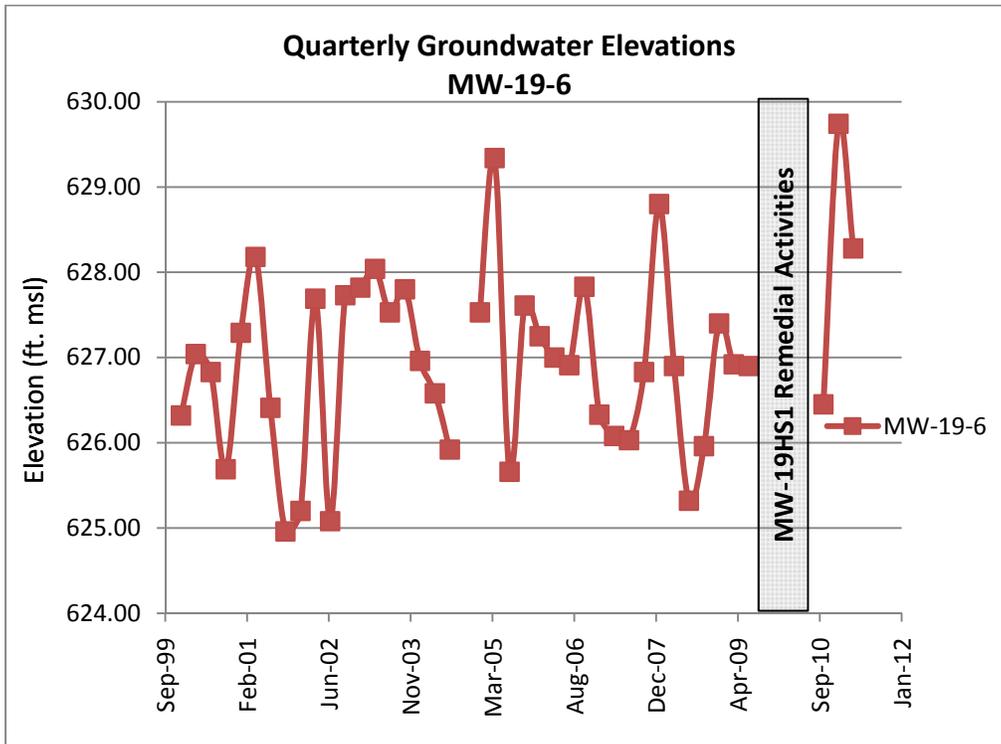
Specifics regarding surface water sampling locations, frequency and analytes are presented in the PRMP and associated QAPP. Surface water samples were submitted to Trace for analysis of BTEX and DEHP.

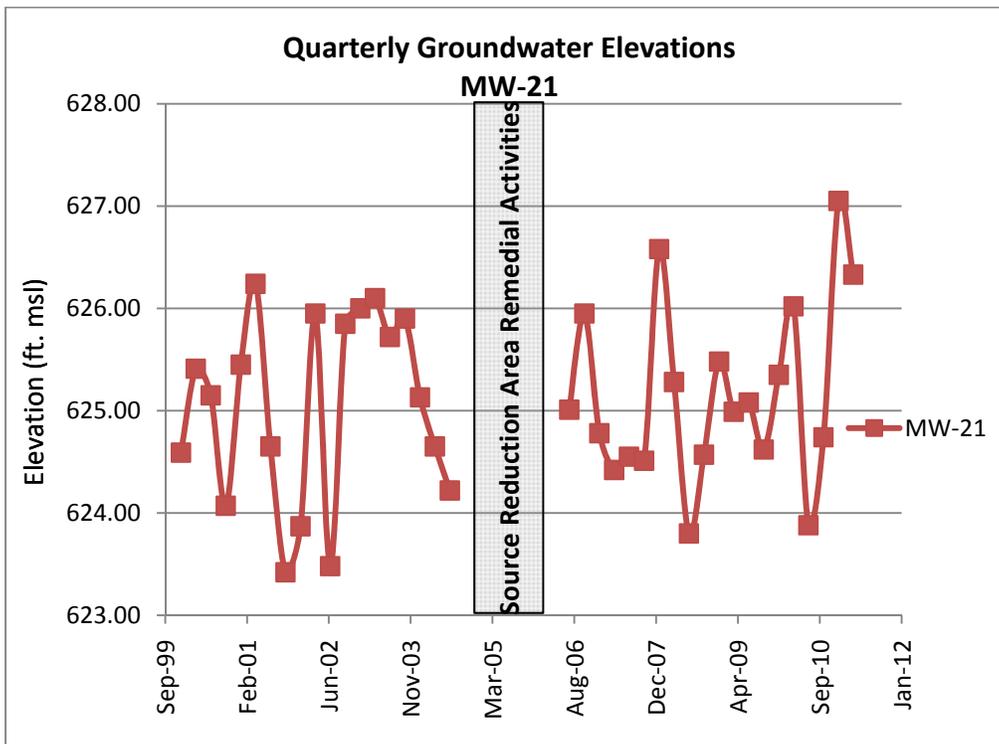
Section 3

Groundwater Elevation and Shallow Groundwater Flow

Static groundwater levels were measured within 35 groundwater monitoring wells throughout the Site on May 23, 2011 as part of the 2Q11 sampling activities. In addition, surface water levels were measured at eight separate locations along the Rockaway River and five locations along the Eastern Drainage Channel. These data were used to calculate groundwater elevations (Table 1) with respect to the National Geodetic Vertical Datum (NGVD), and evaluate the Site-wide groundwater flow pattern in the shallow aquifer system. Interpretation of the calculated groundwater elevations yielded Site-wide shallow groundwater contours and associated approximate flow pattern that are shown on Figure 3. The contours were prepared by utilizing the surveyed groundwater elevations from the PRMP wells, existing Site wells, and river and Eastern Drainage Channel surface water elevations (Table 1).

As a result of rainfall in the region, groundwater levels measured at the site continued to be elevated between 0.2 and 2.5 feet higher than those measured in 4Q10. The depth to groundwater readings measured in the western portion of the site; in the MW19/HS-1 area were 1.7 feet to 2.2 feet higher than those measured in 4Q10. This increase in groundwater levels resulted in saturation of portions of the shallow aquifer which are normally dry during other parts of the year. Groundwater elevations in the central and eastern portion of the site were also higher than those measured in 4Q10; however, the range of increases is less than those in the western portion, due to the proximity to surface water bodies (the Rockaway River, the eastern drainage channel, and the eastern wetland area). The difference in elevations in the eastern portion of the site ranged from 0.3 feet within the eastern wetland area to 1.9 feet in the central portion of the Site.





3.1 MW-30 Area of Concern

Shallow groundwater flow is similar to flow present at the Site prior to the source reduction conducted in 2002 in that shallow groundwater at the Site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam. This “losing” reach of river is identified by approximate flow direction arrows on Figure 3. Further east towards the wetland shallow groundwater again becomes influent to the river. The groundwater contour map also shows that the effect of the buried slurry monolith on groundwater flow is limited in extent, mainly within and along the edges of the Source Reduction area. The presence of the monolith does not change the overall easterly flow direction in the MW30 area.

Surface water elevation data for the man-made Eastern Drainage Channel is consistent with its current configuration as a U-shaped pond formed as a result of downstream beaver dams (Figures 2 and 3). As shown by the flow arrows on Figure 3, the bulk of the shallow groundwater on-site becomes influent to the Eastern Drainage Channel surface water; this flow-path is supported by the occasional low detections of Site COCs in some of the Eastern Drainage Channel surface water samples (see Section 5).

Further into the wetland area to the east, in the vicinity of monitoring location MW-21, groundwater is typically mounded slightly and flows north into the ditch system, south to the river, and west back towards the Source Reduction area. This condition has remained relatively

consistent over the period of remedial investigations conducted on the Site. A lack of detectable constituents within monitoring wells MW-21 support the flow path from the eastern wetland towards the western wetland. These data, along with the fact that the construction of the regional sewer line did not encounter contamination until its construction had progressed from east to west to the westernmost end shown on Figure 3, show that contaminant migration is not likely to occur further east.

3.2 MW19/HS-1 Area of Concern

As historically observed, shallow groundwater in the MW19/HS-1 area is generally toward the northeast (Figures 3 and 4). Groundwater on both the north and south sides of Ross Street is locally influenced by the utility corridor located in the center of Ross Street where the large regional storm sewer line is located.

Section 4

MW-19/Hot Spot 1 Area

A comprehensive investigative and remedial history of the MW19/HS-1 AOC is presented in the 4th Quarter 2007 Remedial Action Progress Report (RAPR). As outlined in the 4Q07 RAPR, the MW19/HS-1 AOC has been under investigation since the early 1980s. Activities began with subsurface investigation and subsequent removal of two underground storage tanks (USTs) that provided bulk liquid waste storage for former operations in Building 9. Long-term monitoring and investigation of groundwater quality within the area, and a soil gas investigation performed in 2006 showed that naturally occurring biodegradation is occurring, resulting in a stable dissolved phase “plume” that is shrinking over time, and does not pose a risk to the residences on the north side of Ross Street.

In the June 20, 2007, Notice of Deficiency (NOD) pertaining to review of the May 2006 Soil Gas Investigation Report, NJDEP stated that the extended time frame for degradation of dissolved phase groundwater contamination post source removal [USTs and surrounding soils] suggested that residual source material remained and must be addressed. To support preparation of a Remedial Action Selection Report (RASR), RMT performed an investigation of potential residual source material in August 2007. Results of this investigation and a proposed remedial approach were presented in the RASR submitted to NJDEP and USEPA in September 2007.

LEC, USEPA, and RMT developed a Statement of Work (SOW) for concurrent implementation of the MW19/HS-1 area investigation and remediation, focusing the remedial alternative for this area on soil excavation. This approach was detailed in the September 3, 2009 Addendum to the USEPA approved RAWP. The Addendum to the RAWP was approved by USEPA on December 30, 2009. Implementation of the MW19/HS-1 area investigation and remediation began on January 11, 2010 and was substantially complete by April 23, 2010. Documentation of the remedial action was included in the RAR Addendum. The outline of the excavation area associated with that remediation is shown on Figure 2.

4.1 MW19/HS-1 Post-remedial Performance Monitoring

A post-remedial groundwater monitoring well network was proposed to USEPA for approval in the RAR Addendum. USEPA approval of the proposed network was received in their September 28, 2010 email requesting current MW19/HS-1 groundwater analytical data. Four replacement monitoring wells and five new groundwater monitoring wells were installed in November 2010, in accordance with the RAR Addendum.

The groundwater elevations and analytical data from these new wells, combined with the data from the two remaining wells, were utilized to create the MW19/HS-1 shallow groundwater contours and evaluate flow direction and post remedial groundwater quality (Figures 4 and 5).

4.2 Groundwater Quality Impacts

4.2.1 Site Contaminants of Concern

Groundwater samples were collected from the existing groundwater monitoring wells from May 24-25, 2011. Results of laboratory testing are summarized on Table 2, and Figure 5 shows isoconcentration contours for total BTEX. Corresponding analytical laboratory reports are presented in Appendix B.

As shown on Figures 4 and 5, the current well network is adequate to sufficiently define the current extent of residual groundwater contamination that remains following the aggressive soil removal operation completed in early 2010. The lateral extent of BTEX detected in groundwater is similar to the extent reflected in the 1Q11 monitoring report, except that the footprint has shifted upgradient to conditions more comparable to those observed during the 4Q10. As noted in the 1Q11 report, the downgradient shift observed during 1Q11 was likely a result of high water levels encountered during the 1Q11 event. This shift was evidenced by an increase in the total BTEX concentrations in MW-19-7R from non-detectable concentrations during the 4Q10 event to detections of 0.011 ppm benzene, 1.4 ppm ethylbenzene, 33 ppm toluene, and 6.2 ppm total xylenes during the 1Q11 monitoring event. BTEX concentrations in MW-19-7R have decreased to detections of 0.004 ppm benzene, 0.33 ppm ethylbenzene, 9.7 ppm toluene, and 1.5 ppm total xylenes during the 2Q11 monitoring event. Conversely, concentrations of the BTEX compounds increased slightly in monitoring well MW-19R from non-detect for all compounds in 1Q11 to detections of 0.043 ppm ethylbenzene, 0.083 ppm toluene, and 0.2 ppm total xylenes in 2Q11. These changes in BTEX distribution can be attributed to the fluctuations in groundwater elevations observed at the site during the 4Q10, 1Q11, and 2Q11 monitoring events. For example, the water level within MW-19R (Table 1) at an elevation of 628.47 feet mean sea level (msl) during the 2Q11 event was measured at 630.22 feet msl during the 1Q11 event and at an elevation of 626.51 feet msl during the 4Q10 monitoring event. Concentration in monitoring well MW19-12 located further downgradient remain at non-detect, which shows that significant downgradient expansion of the groundwater contaminant plume is not occurring.

As discussed in prior quarterly groundwater monitoring reports, the lack of downward migration of COCs is evidenced by historical groundwater elevation data that shows

consistent upward vertical hydraulic gradients in the MW19/HS-1 area and in all other former and existing deep/shallow well clusters across the Site. Site-wide upward hydraulic gradients would be expected because of the regional hydrogeologic features; specifically the upward gradient is a function of the regional groundwater discharge to the Rockaway River system. The Washington Forge Pond (at an elevation of approximately 640 feet) and the Rockaway River act as constant head boundaries, and together comprise a regional aquifer discharge area.

4.2.2 Monitored Natural Attenuation Parameters and Data Analysis

Natural attenuation of petroleum hydrocarbons via biodegradation has been documented to be a universal phenomenon that occurs at 100 percent of sites with BTEX hydrocarbon contamination, and is found to be protective at more than 80 percent of those sites (Wiedemeier, 1997). As discussed in prior quarterly groundwater monitoring reports, natural attenuation of BTEX components related to the residual soil contamination in the MW19/HS-1 AOC had been observed.

A new groundwater monitoring well network and monitoring program was proposed in the RAR Addendum. USEPA approval of the network was received in their September 28, 2010 email requesting current MW19/HS-1 groundwater analytical data. The new groundwater monitoring wells were installed in November 2010, in accordance with the RAR Addendum. Concentrations of detected MNA parameters are summarized on Tables 3 and 4. These parameters continue to show that biodegradation remains strong, both along the outer fringes of the plume and within the current area of residual groundwater contamination. However, due to elevated water levels and resulting changes in groundwater quality at various locations, some of the MNA indicators are still not as strong as those measured during the 4Q10 event. Regardless, the heterotrophic plate counts (HPC) of bacteria in wells present within the zone of highest groundwater contamination remain high compared to levels last measured in pre-excavation wells. Specifically, HPC remained relatively high within the upgradient portion of the plume (MW-19R from a pre-excavation level of 25 to a 2Q11 level of 31,000 cfu/ml), to the center of the plume (MW-19-5R from a pre-excavation level of 25 to a 2Q11 level of 280 cfu/ml). The overall high current level of HPC indicates that microbial populations continue to thrive with the removal of residual source soils (the presence of source material typically inhibits the growth of microbial communities; prior to source removal here, HTP was relatively low within the interior portion of the plume).

In addition, electron donor zones that develop in the subsurface as a function of naturally occurring biodegradation remain clearly developed in 2Q11 than they were before the source removal was conducted. The first zone developed during degradation of hydrocarbon plumes is the methanogenic zone. Current data at the site shows that methanogenesis is strongest in the current plume core (3,700 ug/L methane at MW-19-5R) and has been reduced somewhat at the plume fringes because of the reduction in parent source material (methane reduced from 280 ug/L in 4Q10 to 36-ug/L in MW-19R). Current data also indicates changes in methanogenesis at MW-19-7R due to the elevated water levels observed during 1Q11 and 2Q11 (methane increased from 35 ug/L to 3,300 ug/L and decreased to 22 ug/L). Further downgradient at MW-19-12, methane production remains non-detectable. Progressive zones further out from the plume core continue to be shown more clearly than before source removal. For example, reduction of ferric iron as a result of biodegradation processes has resulted in stronger concentrations of ferrous iron in the current plume core. Specifically, ferrous iron that was at a pre-excavation level of 1 ppm is now at a 2Q11 level of >20 ppm in MW-19-5R; similarly ferrous iron changed from a pre-excavation level of 5 ppm to a 2Q11 level of 14 ppm ferrous iron at MW-19-7R. Ferrous iron remains at background levels further downgradient in MW-19-12. Similar increases also occurred with respect to the sulfate reducing zone.

Because of the strong MNA documented above and in previous reports, TRC anticipates that remaining contaminants dissolved in groundwater will continue to attenuate, and at a faster rate than previously documented.

4.3 Performance Monitoring Summary

The MW19/HS-1 groundwater observations are summarized as follows:

- Groundwater flow at the site is east-northeast and does not flow from the site to the homes along the north side of Ross Street.
- Similar to conditions in 1Q11, groundwater levels within the MW19/HS-1 area were still elevated (between 1.7 and 2.2 feet higher than in 4Q10), which resulted in saturated conditions within portions of the shallow aquifer which are normally dry.
- The footprint of residual groundwater contamination remains essentially the same as that identified during the 4Q10 event.
- The recent aggressive source removal action has strengthened the previously documented natural attenuation in the area.

Section 5

MW-30 Area

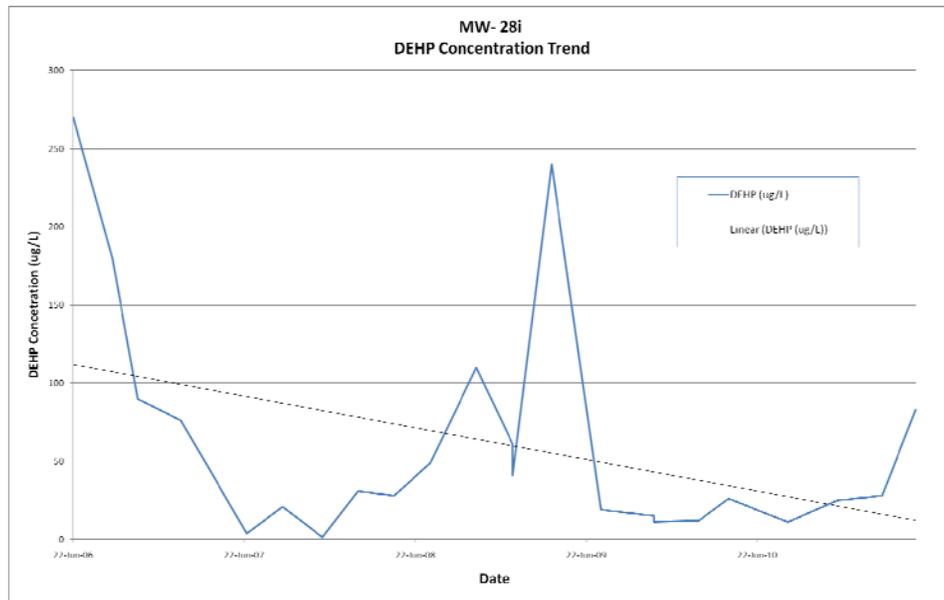
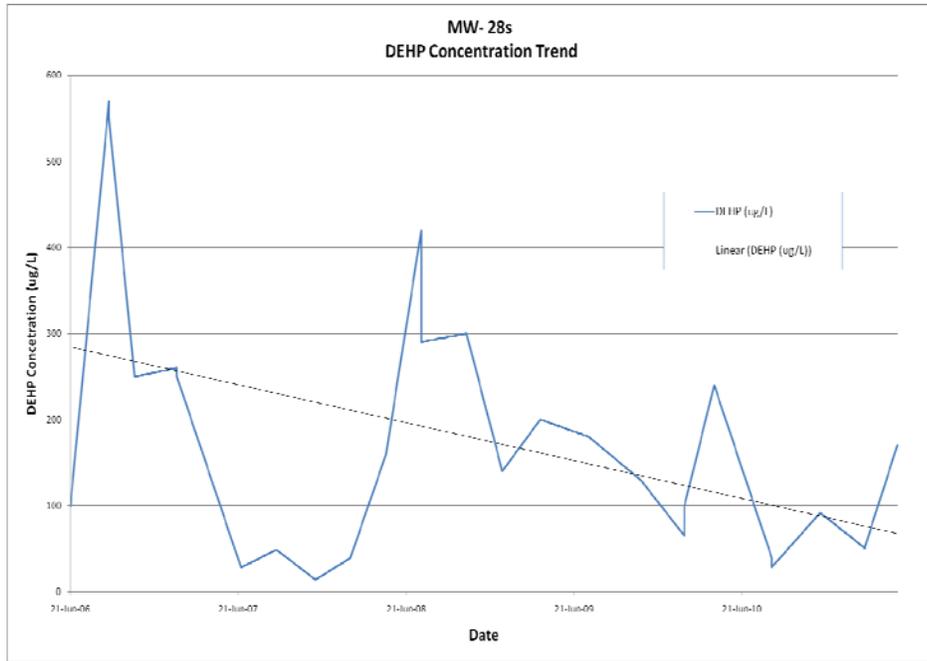
The 2005 Source Reduction was implemented in the MW-30 area to remove as much of the free-product mass as possible. It was anticipated that some dissolved-phase contamination would remain in groundwater following the source reduction, and that residual groundwater contamination would to be addressed as part of a formal Record of Decision (ROD) amendment. The 2005 Source Reduction was a success in that no free product has been measured within the Source Reduction area since completion of that work and implementation of the PRMP. Residual contamination is being monitored and addressed as described below.

The analytical results from all monitoring events are summarized in Tables 2 through 5. As shown in Table 2, various wells within the MW-30 area displayed low level detections of DEHP concentrations in 2Q11 when compared to historical non-detectable results. Specifically, monitoring wells MW-25(R), MW-27s, and MW-29s had detections of 44 ug/L, 24 ug/L, and 45 ug/L respectively, compared to historical non-detect results. Other wells, including MW-8, MW-28s, MW-28i, MW-30s, MW-30i, and MW-30d also displayed elevated DEHP results. A review of laboratory quality control and field sampling methods was conducted to determine if an outside source of DEHP could be a contributing factor. The exact source of DEHP has not been identified; however, based on historical groundwater quality data, and the widespread, low level detections of DEHP across the MW-30 Area, TRC has determined that these concentrations are not the result of actual site conditions. TRC will continue to track DEHP results in these wells to verify this assumption.

The shallow wells that lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the Source Reduction area both have screens that were placed below the slurry monolith. At both locations, intermediate monitoring wells MW-28i and MW-30i were installed and screened approximately 5 feet below the bottom of the shallow well screen; 15 to 20 feet below ground surface (ft bgs) and 10 to 15 ft bgs, respectively.

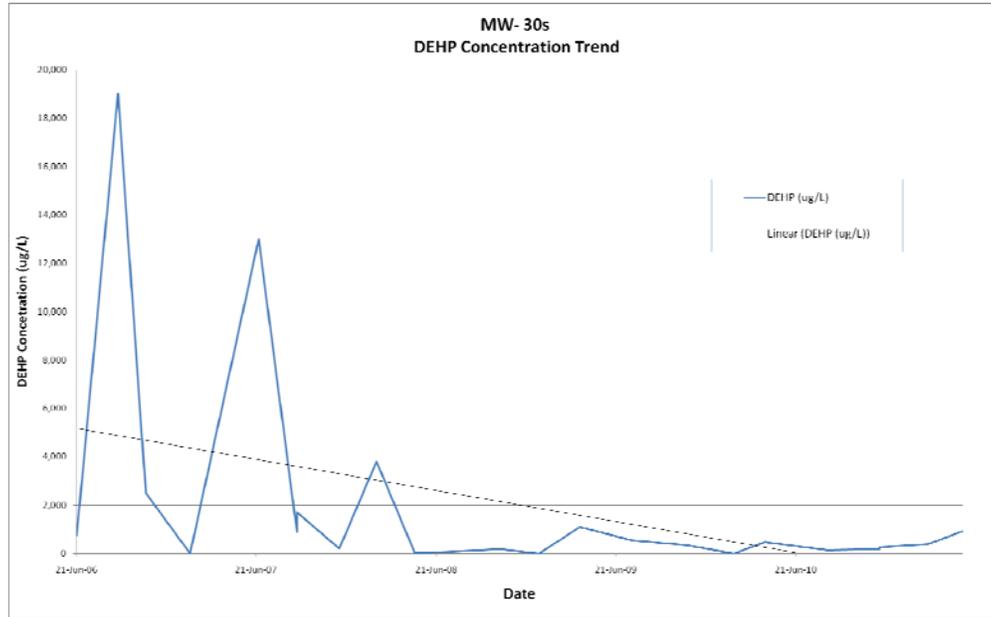
In 2Q11, low levels of dissolved groundwater contamination continue to be found in the Source Reduction area interior monitoring wells MW-28s and MW-28i (Table 2). Benzene and toluene have not been detected in the MW-28 well cluster since 4Q06; however in 4Q10 benzene was present slightly above the detection limit but below the practical quantification limit (PQL) in both wells. Ethylbenzene and xylenes have only been detected once in MW-28i since 4Q06. Samples collected from MW-28s contained levels of dissolved ethylbenzene and xylenes; however, the concentrations are decreasing over time and no BTEX constituents are present at levels that exceed current Class II-A New Jersey Groundwater Quality Standards (NJGWQS).

Dissolved DEHP concentrations continue to fluctuate at both MW-28s and MW-28i; however, the overall trend of DEHP concentration is downward as shown in the following graphs:



Dissolved site COCs also continue to be present in groundwater samples collected from Source Reduction area downgradient well MW-30s. However, only DEHP remains above NJGWQS; all BTEX concentrations have been either non-detect or below NJGWQS since 1Q08. The

concentration of DEHP in well MW-30s, while fluctuating somewhat from quarter to quarter, has a strong trend downward as shown in the following graph:



Since 1Q07, only sporadic low-level detections of DEHP have been found in groundwater collected from monitoring wells MW-30i and MW-30d. As previously noted, elevated detections of DEHP during the 2Q11 sampling event are believed to be unrelated to actual site groundwater conditions. Low concentration detection of ethylbenzene and total xylenes were also observed in 2Q10. This indicates that the vertical extent of Site COCs in the vicinity of the MW-30 cluster is limited to only the top five feet or less of the shallow water table within the first five feet of aquifer immediately below the slurry monolith.

As part of the 2Q11 sampling event, the five Wetland area wells (MW-31s, MW-32s, MW-33s, MW-34s, and MW-35s) were sampled for groundwater quality. The location of these wells, with respect to the Source Reduction and Wetland areas, are shown on Figures 2 and 3; all of these wells are located outside of and downgradient from the Source Reduction excavation area.

During 2Q11, groundwater samples collected from Wetland area wells MW-31s, MW-32s, MW-34s, and MW-35s had concentrations of benzene, ethylbenzene and total xylenes above the higher of the NJGWQS and PQL (Table 2; Figure 6). Groundwater samples collected from MW-31s, MW-32s, MW-33s, MW-34s, and MW-35s also contained concentrations of DEHP above the greater of the NJGWQS and PQL (Table 2 and Figure 7). Free product was measured

at 0.01 feet in two (2) wetland wells (MW-31s and MW-32s) during the 2Q11 monitoring event. The concentration trends of dissolved benzene, ethylbenzene, and xylenes will continue to be carefully monitored.

Concentrations of detected MNA parameters collected from this area of the site are summarized on Tables 3 and 4. These parameters continue to show that biodegradation remains strong downgradient of the 2005 Source Remediation area. Monitoring results for HPC show high readings from monitoring wells 32s and 33s (56,000 and 9,300 cfu/ml, respectively).

Furthermore, additional investigations to determine nature and extent is proposed for this area as described in the July 8, 2011 Revised Addendum to the USEPA approved RAWP. The Addendum focuses on characterization and gathering data that will be used to develop a means to prevent further discharge of groundwater contamination into the Eastern Drainage Channel and Rockaway River.

Section 6

Surface Water

The Rockaway River adjacent and downstream from the LEC Site is classified as a Category 1 fresh water trout maintenance stream (FW2-TM(C1); ref. Surface Water Quality Standard Reference: N.J.A.C 7:9B-1.15 (e), Table 3 January 2010; (Dover) – Washington Pond outlet downstream to Rt. 46 bridge). In N.J.A.C. 7:9B-1.4, “Category one waters” means those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (g), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality based on exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s) to protect their aesthetic value (color, clarity, scenic setting) and ecological integrity (habitat, water quality, and biological functions). As such, TRC compared Site COC concentrations detected in the Eastern Drainage Channel and Rockaway River samples against background concentrations found in upgradient sample SW-R-6, collected below the Washington Forge Pond dam, at the upgradient end of the Site.

6.1 Eastern Drainage Channel

As part of the 2Q11 event, five points (SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5) within the Eastern Drainage Channel that separates the adjacent Air Products property from the LEC Site and the adjacent Wharton Enterprises property were sampled for surface water quality. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005.

All surface water sample locations are shown on Figure 2. The laboratory analytical results for these Eastern Drainage Channel samples are summarized on Table 5, and Figures 6 and 7.

BTEX constituents were not detected at any surface water monitoring locations in the Eastern Drainage Channel. DEHP was detected above the NJSWQC in samples collected from two of the Eastern Drainage Channel surface water sampling locations (SW-D-3, SW-D-4). Migration of Site COCs into the Eastern Drainage Channel environment will be addressed during the upcoming on-site investigations that are included in the USEPA approved September 2009 Addendum to the approved 2004 RAWP.

6.2 Rockaway River

In addition to the Eastern Drainage Channel, five surface water samples were collected from the Rockaway River (Table 5 and Figures 6 and 7).

Rockaway River samples collected at surface water sampling locations SW-R-1, SW-R-2, SW-R-3, and SW-R-4 were non-detect for Site COCs.

River sample SW-R-6 was taken just downstream of the Washington Forge Pond dam. As a result of USEPA comments in an email dated December 21, 2009, this location now serves as the background monitoring location for the Site. Surface water samples SW-R-1 through SW-R-4, are compared to the results of SW-R-6, per N.J.A.C. 7:9B-1.5 (d) 6iii. Site COCs were not detected in the surface water sample SW-R-6.

Another surface water sample was collected in the Eastern Drainage Channel near its intersection with the Rockaway River (approximately 10 feet upstream in the Eastern Drainage Channel; see Figure 2). This location represents the surface water discharge point from the Eastern Drainage Channel/beaver pond into the Rockaway River. Similar to the other river samples collected, Site COCs were not detected in the "Ditch-River Confluence" sample DRC-2.

Surface water sampling at the Eastern Drainage Channel as well as the Rockaway River and Washington Forge Pond will continue to take place during each quarterly monitoring event. Specifics regarding surface water sampling locations, frequency and analytes are presented in the PRMP and associated QAPP.

Section 7

Additional and Future Project Activities

LEC, USEPA, and RMT designed a SOW to accompany the UAO. Both the UAO and associated SOW were executed in August 2009. The following subsections briefly outline continuing UAO and SOW required activities anticipated for completion over the next 3 to 6 months. An updated Master Project Schedule is presented in Appendix C.

7.1 General and Administrative Site Scope and Tasks

- Following receipt of USEPA approval of the Final RAWP Addendum documenting assessment and preferred remedial action for the the MW-30 area
 - Finalize the Community Involvement Plan (CIP)
 - Finalize the Revised RAWP Addendum and associated Uniform Federal Policy (UFP) compliant QAPP

7.2 Individual Areas of Concern Scopes and Tasks

7.2.1 MW-30 Area of Concern

- Approval and receipt of the Flood Hazard Area Permit from the NJDEP DLUR was received on August 19, 2010.
- Remedial investigation and pilot testing activities outlined in the USEPA approved RAWP Addendum are anticipated to begin in 3Q2011, following USEPA approval of the revised RAWP Addendum submitted on July 8, 2011.
- Continue quarterly groundwater and surface water quality monitoring activities

7.2.2 MW19/Hot Spot 1 Area of Concern

- Continue quarterly groundwater quality and MNA performance monitoring activities.
- Consistent with the USEPA request received with RAR Addendum approval, the MW19HS1 monitoring program will include sampling of three Ross Street monitoring well locations for a minimum of four additional quarters, beginning with the 3Q 2011 event, to confirm absence of detectable concentrations of volatile COCs in groundwater.

- Ross Street well sampling will include analysis for site-related COCs (BTEX and DEHP) and 1,3-butadiene, a non-site –related COC previously detected at low concentrations in Ross Street soil gas samples.

7.3 Wetland Monitoring, Invasive Species Control, and Reporting

The 2009 Compensatory Mitigation Monitoring Report was submitted on December 28, 2009. 2009 is considered the fifth and final growing season where semiannual monitoring and reporting is required by the 2005 GP-4 wetlands permit. However, as outlined in the report, annual monitoring and invasive species control events will continue on a semiannual basis as required by permit conditions until agency sign-off is obtained. Additional wetland restoration, monitoring and reporting issues were addressed in the Addendum to the USEPA approved RAWP (RMT, April 2004), submitted September 3, 2009. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010.

Wetland monitoring in 2011 occurred the week of May 23rd and is planned to take place again during September 2011 with the subsequent annual report submitted during December 2011.

Tables

TABLE 1
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Elevations

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION ⁽²⁾							QUARTERLY MEASUREMENT INFORMATION						
		BASELINE LOCATION (FT)		GEODETIC LOCATION		ELEVATION (FT. MSL)			MEAS. DATE	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEVATION	WATER ELEVATION	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
		NJ State Plane Coordinates		LATITUDE	LONGITUDE	GROUND ⁽⁶⁾	OUTER CASING	INNER WELL CASING							
(Y) North	(X) East														
GEI-3I	Piezometer	754311.79	470453.7	40° 54' 14.8"	74° 34' 43.7"	636.96	639.39	639.25	23-May-11		10.45	--	628.80		
MW-8	Monitoring Well	754099.29	471251.06	40° 54' 12.7"	74° 34' 33.3"	627.39	629.96	628.19	23-May-11		2.15	--	626.04		
MW-9	Monitoring Well	754075.94	471111.03	40° 54' 12.5"	74° 34' 35.1"	628.61	631.09	629.58	23-May-11		2.61	--	626.97		
MW-12S(R)	Monitoring Well	754055.97	471042.34	40° 54' 12.3"	74° 34' 35.9"	631.57	634.26	633.73	23-May-11		6.67	--	627.06		
MW-13S	Monitoring Well	754353.97	471370.04	40° 54' 15.3"	74° 34' 31.7"	627.74	630.80	630.63	23-May-11		3.69	--	626.94		
MW-13S(R)	Monitoring Well	754333.07	471365.71	40° 54' 15.0"	74° 34' 31.8"	627.66	630.36	629.99				--			
MW-13I	Monitoring Well	754337.8	471360.31	40° 54' 15.1"	74° 34' 31.9"	627.76	630.28	630.06	23-May-11		3.16	--	626.90		
MW-15S	Monitoring Well	754326.58	470891.83	40° 54' 15.0"	74° 34' 38.0"	634.23	636.43	636.17	23-May-11		8.60	--	627.57		
MW-15I	Monitoring Well	754325.8	470901.47	40° 54' 15.0"	74° 34' 37.9"	634.14	636.28	636.06	23-May-11		8.57	--	627.49		
MW-17(S)	Monitoring Well	754109.68	470759.85	40° 54' 12.8"	74° 34' 39.7"	632.35	634.32	634.19	23-May-11		6.29	--	627.90		
MW-18S	Monitoring Well	754677.95	471117.26	40° 54' 18.4"	74° 34' 35.0"	627.62	630.88	630.66	Abandoned November 2010						
MW-18I	Monitoring Well	754675.11	471106.07	40° 54' 18.4"	74° 34' 35.2"	627.75	630.59	630.44	Abandoned November 2010						
MW-19R	Monitoring Well	754533.15	470461.18	40° 54' 17.4"	74° 34' 42.2"	635.19	635.31	634.95	23-May-11		6.48	--	628.47		
MW-19-5R	Monitoring Well	754565.77	470474.05	40° 54' 17.7"	74° 34' 42.0"	635.51	635.54	635.20	23-May-11		6.96	--	628.24		
MW-19-6R	Monitoring Well	754574.70	470439.39	40° 54' 17.8"	74° 34' 42.4"	635.87	635.85	635.46	23-May-11		7.18	--	628.28		
MW-19-7R	Monitoring Well	754591.32	470496.36	40° 54' 17.9"	74° 34' 41.7"	635.30	635.36	634.97	23-May-11		6.82	--	628.15		
MW-19-8	Monitoring Well	754617.50	470493.62	40° 54' 18.2"	74° 34' 41.7"	635.57	635.52	635.11	23-May-11		6.99	--	628.12		
MW-19-9D	Monitoring Well	754590	470442	40° 54' 17.9"	74° 34' 42.4"	636.39	636.41	636.10	Abandoned November 2010						
MW-19-12	Monitoring Well	754627.53	470529.72	40° 54' 18.3"	74° 34' 41.3"	634.93	634.93	634.46	23-May-11		6.28	--	628.18		
MW-19-13	Monitoring Well	754579.37	470529.59	40° 54' 17.8"	74° 34' 41.3"	634.87	634.81	634.33	23-May-11		6.30	--	628.03		
MW-19-14	Monitoring Well	754533.49	470484.56	40° 54' 17.4"	74° 34' 41.9"	635.07	635.14	634.82	23-May-11		6.32	--	628.50		
MW-19-15	Monitoring Well	754486.40	470446.05	40° 54' 16.9"	74° 34' 42.4"	635.56	635.57	635.26	23-May-11		6.55	--	628.71		
MW-19-16	Monitoring Well	754505.02	470534.21	40° 54' 17.1"	74° 34' 41.2"	634.66	634.67	634.35	23-May-11		5.27	--	629.08		
MW-19-17	Monitoring Well	754602.50	470442.02	40° 54' 18.1"	74° 34' 42.4"	636.26	636.25	635.85	23-May-11		7.61	--	628.24		
MW-21 ⁽³⁾	Monitoring Well	754240.97	471645.78	40° 54' 14.1"	74° 34' 28.2"	624.57	628.49	628.20	23-May-11		1.87	--	626.33		
MW-25(R) ⁽³⁾	Monitoring Well	754201.83	471518.21	40° 54' 13.7"	74° 34' 29.8"	624.65	626.77	626.62	23-May-11		2.29	--	624.33		
MW-27s	Monitoring Well	754253.78	470672.69	40° 54' 14.613"	74° 34' 39.402"	635.82	635.78	635.07	23-May-11		6.91	--	628.16		
MW-28S	Monitoring Well	754243.26	471034.34	40° 54' 14.512"	74° 34' 34.692"	628.20	631.28	631.14	23-May-11		4.11	--	627.03		
MW-28I	Monitoring Well	754242.87	471031.19	40° 54' 14.508"	74° 34' 34.733"	628.25	631.20	631.04	23-May-11		4.00	--	627.04		
MW-29S	Monitoring Well	754411.14	471187.85	40° 54' 16.172"	74° 34' 32.694"	629.94	632.83	632.66	23-May-11		6.00	--	626.66		
MW-30S	Monitoring Well	754281.65	471265.12	40° 54' 14.893"	74° 34' 31.686"	624.99	628.24	628.24	23-May-11		1.55	--	626.69		
MW-30I	Monitoring Well	754286.42	471263.15	40° 54' 14.941"	74° 34' 31.712"	625.14	628.15	628.01	23-May-11		1.56	--	626.45		

TABLE 1
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Elevations

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION ⁽²⁾							QUARTERLY MEASUREMENT INFORMATION						
		BASELINE LOCATION (FT)		GEODETIC LOCATION		ELEVATION (FT. MSL)			MEAS. DATE	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEVATION	WATER ELEVATION	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
		NJ State Plane Coordinates		LATITUDE	LONGITUDE	GROUND ⁽⁶⁾	OUTER CASING	INNER WELL CASING							
(Y) North	(X) East														
MW-30D	Monitoring Well	754290.05	471261.2	40° 54' 14.976"	74° 34' 31.737"	625.20	628.22	628.02	23-May-11		1.45	--	626.57		
MW-31S	Monitoring Well	754241.65	471341.5	40° 54' 14.499"	74° 34' 30.691"	627.94	630.00	629.82	23-May-11	4.69	4.70	--	625.12	0.01	625.13
MW-32S	Monitoring Well	754207.08	471359.83	40° 54' 14.157"	74° 34' 30.452"	628.15	630.33	630.18	23-May-11	4.89	4.90	--	625.28	0.01	625.29
MW-33S	Monitoring Well	754170.51	471311.04	40° 54' 13.796"	74° 34' 31.087"	628.85	631.06	630.91	23-May-11		5.57	--	625.34		
MW-34S	Monitoring Well	754178.83	471399.49	40° 54' 13.879"	74° 34' 29.935"	628.07	629.97	629.93	23-May-11		4.89	--	625.04		
MW-35S	Monitoring Well	754179.62	471445.17	40° 54' 13.887"	74° 34' 29.340"	627.43	629.59	629.19	23-May-11		4.11	--	625.08		
SG-R2 ⁽³⁾	Rockaway River Monitoring Point	754056.10	470946.46	40° 54' 12.662"	74° 34' 35.834"	629.41	-	-	23-May-11		1.75	--	627.66		
SW-R-1 ⁽⁴⁾	Rockaway River Monitoring Point	754125.56	471523.00	40° 54' 13.353"	74° 34' 28.326"	625.87	-	-	23-May-11		2.01	--	623.86		
SW-R-2 ⁽⁴⁾	Rockaway River Monitoring Point	754112.82	471426.51	40° 54' 13.226"	74° 34' 29.582"	626.54	-	-	23-May-11		1.96	--	624.58		
SW-R-3 ⁽⁴⁾	Rockaway River Monitoring Point	754149.30	471368.76	40° 54' 13.586"	74° 34' 30.335"	626.25	-	-	23-May-11		1.32	--	624.93		
SW-R-4 ⁽⁴⁾	Rockaway River Monitoring Point	754088.00	471279.58	40° 54' 12.980"	74° 34' 31.496"	627.57	-	-	23-May-11		2.19	--	625.38		
SW-R-5 ⁽⁴⁾	Rockaway River Monitoring Point	754314.04	470408.85	40° 54' 15.206"	74° 34' 42.839"	640.66	-	-	23-May-11		1.16	--	639.50		
SW-R-6 ⁽⁴⁾	Rockaway River Monitoring Point	754071.52	470697.75	40° 54' 12.812"	74° 34' 39.073"	631.68	-	-			NM-damaged	--	--		
SW-D-1 ⁽⁵⁾	Drainage Channel Staff Gauge	754428.36	471240.17	40° 54' 16.343"	74° 34' 32.013"	625.75	-	-	23-May-11		1.63	--	624.12		
SW-D-2 ⁽⁵⁾	Drainage Channel Staff Gauge	754285.35	471361.22	40° 54' 14.931"	74° 34' 30.435"	626.07	-	-	23-May-11		1.88	--	624.19		
SW-D-3 ⁽⁵⁾	Drainage Channel Staff Gauge	754381.23	471548.18	40° 54' 15.880"	74° 34' 28.001"	625.70	-	-	23-May-11		1.38	--	624.32		
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	40° 54' 15.047"	74° 34' 31.355"	625.02	-	-	23-May-11		0.82	--	624.20		
SW-D-5	Drainage Channel Monitoring Point	754223.14	471920.10	40° 54' 14.321"	74° 34' 23.155"	626.86	-	-	23-May-11		3.13	--	623.73		
DRC-2	Drainage Channel Monitoring Point	754117.49	471971.58	40° 54' 13.277"	74° 34' 22.483"	623.29	-	-	23-May-11		1.29	--	622.00		

FOOTNOTES

- (1) Reference elevation measured at the top of a 3.33 ft. Staff gauge. Water depth based on a visual observation of the water level on the Staff gauge.
- (2) Horizontal Datum: New Jersey State Plane Coordinate System NAD 83. Vertical Datum: NAVD 88
- (3) New SG-R2 replaced the old SG-R2 installed in Nov. 1998. Professional survey performed by James M. Stewart, Inc., Philadelphia, PA May 2004. SG-R2 is a chiseled arrow on Iron Beam
- (4) As outlined in the PRMP the six (6) new Rockaway River monitoring points reference survey elevation was shot at the top of a stake installed to each point
- (5) SW-D-1, SW-D-2 and SW-D-3 were resurveyed points at the top of the stake that secures each drainage ditch staff gauge.
 These points were reshot to insure the reference elevation integrity remained for each of the 3 staff gauges as a result of source reduction remedial disturbance.
- (6) Ground reference elevation for SG and SW series gauges and monitoring points is a point specific to each devise (i.e., top of stake, to of gauge, notched point on concrete or iron etc)
- (7) Corrected water level elevations utilize an average specific gravity of 0.9363 (RMT, Inc. product samplig in October 1999)

TABLE 2
 DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
 Borough of Wharton, Morris County, New Jersey
 Groundwater Monitoring Data

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
MW19								
Dilution factor for BTEX 2000	24-Feb-95	1	< 660	1,700	110,000	10,000	NR	
Dilution factor for BTEX 100	14-Jun-95	2	150	3,400	140,000	17,000	NS	
Dilution factor 5000 for BTEX & 2 for DEHP; MDL for Benzene 1000 ug/l	24-Apr-98	2	< 1,000	2,850	76,700	14,900	7	
Dilution factor for BTEX 500	2-Aug-01	3	< 95	3,000	62,000	17,000	3	
Dilution factor for BTEX 1000	6-Jun-02	2	< 200	1,000	30,000	6,000	6	
Dilution factor for BTEX 100, Toluene 200	20-Nov-03	4	< 20	1,500	40,000	7,400	J 6	
	15-Jun-04	2	< 100	1,400	46,000	6,600	J 4	
Dilution factor for BTEX 100, Toluene 500	10-Aug-04	3	< 20	2,100	56,000	11,000	J 2	
Dilution factor for BTEX 50	13-Jan-05	1	< 10	750	18,000	3,600	< 1	
Lower Grab Water Sample; Dilution factor for BTEX 5	8-Apr-05	2	< 1	97	1,300	530	J 3	
Upper Grab Water Sample; Dilution factor for Toluene 5	8-Apr-05	2	< 0.2	86.0	410.0	430.0	J 3	
Dilution factor for BTEX 200	27-Jul-05	3	< 40	1,100	44,000	6,000	J 2	
Dilution factor for BTEX 100	27-Oct-05	4	< 20	200	10,000	1,200	J 5	
Dilution factor for BTEX 250	28-Feb-06	1	< 50	880	28,000	4,900	J 3	
Dilution factor for BTEX 200	20-Jun-06	2	< 40	1,600	53,000	8,700	J 3	
Dilution factor for BTEX 200	13-Sep-06	3	< 40	2,100	51,000	11,000	J 3	
Dilution factor for BTEX 200	8-Nov-06	4	< 40	2,200	59,000	11,000	J 2	
Dilution factor for BTEX 500	8-Feb-07	1	< 500	1,900	93,000	9,800	< 1	
Dilution factor for BTEX 50, Toluene 200	27-Jun-07	2	< 50	680	32,000	3,000	< 1	
Dilution factor for BTEX 100, Toluene 500	12-Sep-07	3	< 100	1,500	76,000	7,300	3	
Dilution factor for BTEX 250, DEHP 1.1	4-Dec-07	4	< 250	1,500	49,000	7,500	< 1	
	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1	
Dilution factor for BEX 100, Toluene 200, DEHP 1.05	7-May-08	2	< 100	650	26,000	2,800	< 1	
Dilution factor for Benzene 10, Ethylbenzene & Xylenes 200, Toluene 500	7/23/2008	3	< 10	1,000	35,000	5,400	< 1	
Dilution factor for BTEX 200	10/29/2008	4	< 40	1,400	43,000	6,800	J 3	
Dilution factor for Benzene 50, Ethylbenzene & Xylenes 50, Toluene 500	1/14/2009	1	< 45	700	34,000	3,500	J 2	
Dilution factor for BEX 50, Toluene 500	4/8/2009	2 ⁽⁵⁾	< 45	940	37,000	4,800	J 3	
Dilution factor for BEX 50, Toluene 500	7/22/2009	3	< 45	1,100	48,000	5,700	J 1	
MW-19 abandoned October 14, 2009								
MW19R								
	12/8/2010	4	< 0.5	400	1000	1200	1.2	
	3/14/2011	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1	< 1.0
	5/24/2011	2	< 0.5	43	8.3	200	1.6	
MW19-5R								
Dilution factor for Ethyl benzene 25, Xylene 250 and Toluene 1000	8-Dec-10	4	19	2700	80000	15000	1.4	
Dilution factor for ethyl benzene 500, xylene 500, toluene 500	16-Mar-11	1	20	2100	92000	11000	< 0.95	< 1.0
Dilution factor for ethyl benzene 100, xylene 100, toluene 1000	25-May-11	2	5.4	2200	49000	12000	1.20	
MW19-6R								
	8-Dec-10	4	< 0.5	7.1	100.0	63.0	8.1	
	14-Mar-11	1	< 0.5	8.1	33.0	38.0	1.1	< 1.0
	25-May-11	2	< 0.5	4.4	4.7	9.0	1.0	
MW19-7								
Dilution factor for BTEX 50	15-Nov-99	4	< 16	100	51	1,400	< 4	
Dilution factor for BTEX 2	1-Aug-01	3	6.7	6.6	13	680	< 0.4	
Dilution factor for BTEX 5	7-Mar-02	1	3	< 1	< 1	250	2	
	5-Jun-02	2	0.48	1.60	27	27	< 0.4	
	19-Nov-03	4	4.7	J 0.4	J 0.3	460	J 1.0	
	16-Jun-04	2	J 2.8	130.0	2,100	630	< 1.0	
	16-Jun-04	2 duplicate	J 4	130	2,100	610	< 1	
	10-Aug-04	3	2	2	1	20	< 1	
Dilution factor for BTEX 2	12-Jan-05	1	6.1	90.0	240.0	760	< 1.0	
	12-Jan-05	1 duplicate	2.9	45.0	120.0	380	< 1.0	
Lower Grab Water Sample; Dilution factor for BTEX 25	7-Apr-05	2	J 9.5	210.0	2,700	1,400	< 1.0	
Upper Water Grab Sample; Dilution factor for BTEX 10	7-Apr-05	2	J 13	370	5,600	2,300	< 1	
Lower Grab Water Sample	27-Jul-05	3	2.2	< 0.2	J 0.2	J 1.7	< 0.9	
Upper Grab Water Sample	27-Jul-05	3	1.5	< 0.2	J 0.5	J 2.4	< 1.0	
Dilution factor for BTEX 200	27-Oct-05	4	J 62	710	16,000	3,600	< 1	
Dilution factor for Total Xylenes 5	28-Feb-06	1	7.5	4.9	J 0.3	870	< 1.0	
Dilution factor for Total Xylenes 5	28-Feb-06	1 duplicate	7.5	5.0	J 0.3	840	< 0.9	
	20-Jun-06	2	6.5	19.0	J 0.6	550	< 1.0	
Dilution factor for Total Xylenes 5	12-Sep-06	3	4.9	33.0	J 0.3	440	< 1.0	
	8-Nov-06	4	2.6	< 0.2	< 0.2	26	< 0.9	
	7-Feb-07	1	2.6	< 1.0	< 5.0	< 3.0	< 1.0	
	7-Feb-07	1 duplicate	2.6	< 1.0	< 5.0	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	23	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution for DEHP 1.1	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1	
	19-Feb-08	1	< 1.0	7.3	55	36	< 1.0	
Dilution for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	5.6	< 1.0	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	

TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
 Borough of Wharton, Morris County, New Jersey
 Groundwater Monitoring Data

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	UNITS		1,700,000	152,000	515,000	175,000	334	
	SOLUBILITY LIMIT		1	2	1	2	3	
	PRACTICAL QUANTITATION LIMIT [PQL]		0.2	700	600	1,000	2	
	NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA		1	700	600	1,000	3	
	HIGHER OF NJGWQS AND PQL							
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	28-Oct-08	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	14-Jan-09	1	< 0.9	J 3.0	J 3.0	32.0	< 1.0	
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
MW-19-7 abandoned October 13, 2009								
MW19-7R								
	8-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
Dilution factor ethylbenzene 100, toluene 1000, xylene 100	14-Mar-11	1	11	1,400	33,000	6,200	< 1.0	< 1.0
Dilution factor ethylbenzene 100, toluene 100, xylene 100	25-May-11	2	4.2	330	9,700	1,500	< 1.0	
Dilution factor ethylbenzene 50, toluene 50, xylene 51	25-May-11	2 duplicate	4.1	520	10,000	2,100	35.0	
MW19-8								
Dilution factor for BTEX 50	15-Nov-99	4	< 0.31	< 0.38	< 0.34	< 0.40	< 4.1	
Dilution factor for BTEX 2	1-Aug-01	3	0.5	< 0.2	< 0.2	< 0.2	< 0.4	
	5-Jun-02	2	< 0.22	< 0.18	< 0.24	< 0.20	< 0.4	
	19-Nov-03	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9	
	17-Jun-04	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	11-Aug-04	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	12-Jan-05	1	< 0.2	J 0.3	< 0.2	< 0.6	< 1.0	
	11-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	< 1.0
MW19-12								
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	7-Nov-06	4 duplicate	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9	
	6-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	26-Jun-07	2 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution for DEHP 1:11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	13-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	< 1.0
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
MW19-13								
	7-Dec-10	4	6.3	42	1	400	< 0.95	
Dilution factor toluene 10	14-Mar-11	1	2.6	71	260	330	< 0.95	< 1.0
	25-May-11	2	4.7	< 0.5	< 0.5	49	3.50	
MW19-14								
	8-Dec-10	4	0.7	110	1,800	510	< 0.98	
	8-Dec-10	4 duplicate	< 0.5	120	2,100	580	< 1.0	
	16-Mar-11	1	< 0.5	< 0.5	1.4	< 1.5	< 0.99	< 1.0
	16-Mar-11	1 duplicate	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
MW19-15								
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.99	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	< 1.0
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
MW19-16								
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	< 1.0
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
MW19-17								
	8-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	

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 Groundwater Monitoring Data

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334	
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3	
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2	
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	< 1.0
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
MW-8								
	1-Sep-89	3						
	1-Jan-90	1						
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	15	< 1.0	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2	
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	8	
	8-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	J 3	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 3	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	3.9	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	16	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	4.2	4.8	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	1.7	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	3.5	
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	43.0	
MW-25R								
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	21-Jun-06	2 ^{duplicate}	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	13-Sep-06	3	< 0.2	< 0.2	J 0.5	< 0.6	J 1.0	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	26-Jun-07	2 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	1.6	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3	
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution for DEHP 1.29	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0	
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	7-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	J 1	
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
	25-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.99	
	9-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	44.00	
MW-27s								
	22-Jun-06	2	J 0.6	3.7	3.9	14	J 3.0	
	11-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0	
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.2	
Dilution factor for DEHP is 1.4	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.4	
Dilution factor for DEHP is 1.18	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
Dilution factor for DEHP is 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	J 1.0	< 1.0	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	14-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.99	
	8-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	< 1.0
	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	24.00	
MW-28s								
Dilution factor for BTEX 5	21-Jun-06	2	J 1.6	560.0	< 1.0	1,400	100	
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J 0.2	210.0	< 0.2	450	570	
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 ^{duplicate}	J 0.3	220.0	< 0.2	470	550	
Dilution factor for DEHP 10	7-Nov-06	4	< 0.2	92.0	< 0.2	180	250	
Dilution factor for DEHP is 20	7-Feb-07	1	< 1.0	70.0	< 5.0	150	260	
Dilution factor for DEHP is 20	7-Feb-07	1 ^{duplicate}	< 1.0	58.0	< 5.0	130	250	
	27-Jun-07	2	< 1.0	30.0	< 5.0	56	28	
Dilution factor for DEHP is 5	12-Sep-07	3	< 1.0	17.0	< 5.0	42	49	

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MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
Dilution for DEHP is 1.2	6-Dec-07	4	< 1.0	32.0	< 5.0	96	14	
Dilution for DEHP is 20	20-Feb-08	1	< 1.0	14.0	< 5.0	36	39	
Dilution for DEHP is 11.1	7-May-08	2	< 1.0	2.7	< 5.0	6.6	160	
Dilution for DEHP is 20	23-Jul-08	3	< 1.0	37	< 5.0	93	420	
Dilution for DEHP is 10	23-Jul-08	3 duplicate	< 1.0	41	< 5.0	100	290	
Dilution factor for DEHP 10	29-Oct-08	4	< 0.2	4.3	< 0.2	15	300	
Dilution factor for DEHP 10	15-Jan-09	1	< 0.9	17	< 0.8	64	140	
Dilution factor for DEHP 10	8-Apr-09	2	< 0.9	39	< 0.8	100	200	
Dilution factor for DEHP 10	22-Jul-09	3	< 0.9	18	< 0.8	53	180	
Dilution factor for DEHP 5	12-Nov-09	4	< 0.9	10	< 0.8	67	130	
	16-Feb-10	1	< 0.5	8.9	< 0.5	27	65	
Dilution factor for DEHP 2	16-Feb-10	1 duplicate	< 0.5	8.8	< 0.5	27	100	
Dilution factor for DEHP 5	21-Apr-10	2	< 0.5	22	< 0.5	71	240	
	25-Aug-10	3	< 0.5	5.7	< 0.5	12	39	
	25-Aug-10	3 duplicate	< 0.5	< 0.5	< 0.5	< 1.5	29	
	8-Dec-10	4	0.6	18.0	< 0.5	50.0	92	
	15-Mar-11	1	< 0.5	< 0.5	< 0.5	6.8	51	
	15-Mar-11	1 duplicate	< 0.5	< 0.5	< 0.5	5.8	52	
	25-May-11	2	< 0.5	9.1	< 0.5	8.9	170	
MW-28i								
Dilution factor for BTEX 5	22-Jun-06	2	< 1.0	480.0	< 1.0	1,300	270	
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	< 0.2	72.0	J 0.6	520	180	
	7-Nov-06	4	< 0.2	10.0	< 0.2	14	90	
Dilution factor for DEHP is 10	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	76	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	3.9	
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	21	
Dilution for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	1.4	
Dilution for DEHP is 5	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	31	
Dilution for DEHP is 1.11	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	28	
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	49	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	110	
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	61	
	15-Jan-09	1 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	41	
Dilution factor for DEHP 10	8-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	240	
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	19	
	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	15	
	12-Nov-09	4 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	11	
	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	12	
	21-Apr-10	2	< 0.5	2.7	< 0.5	9.4	26	
	25-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	11	
	8-Dec-10	4	0.8	< 0.5	< 0.5	< 1.5	25	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	28	
	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	83	
MW-29s								
	22-Jun-06	2	< 0.2	J 0.2	< 0.2	J 0.6	J 1.0	
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0	
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	31	
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Deilution for DEHP 1.2	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.05 [DUP-02]	19-Feb-08	1 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0	
	29-Oct-08	4 duplicate	< 0.2	< 0.2	J 0.2	< 0.6	< 0.9	
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	7-Apr-09	2 ⁽⁴⁾	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
	14-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	45.00	
MW-30s								
	21-Jun-06	2	< 1.0	1,200	J 1.3	3,900	740	
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	< 4.0	1,200	46.0	5,100	19,000	
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	< 1.0	540	< 1.0	2,600	2,500	
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
Dilution factor for BTEX 5, DEHP is 2000	26-Jun-07	2	2.1	300	< 25	1,200	13,000	
Dilution factor for DEHP is 50	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	880	

TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
 Borough of Wharton, Morris County, New Jersey
 Groundwater Monitoring Data

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
Dilution factor for DEHP is 200	12-Sep-07	3 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	1,700	
Dilution factor for DEHP is 12, BTEX is 5	6-Dec-07	4	1.5	34.0	110	260	200	
Dilution factor for DEHP is 111, BTEX is 5	20-Feb-08	1	< 5.0	110	< 25	480	3,800	
Dilution factor for Total Xylene is 5, DEHP is 1.25	8-May-08	2	< 1.0	100	< 5.0	460	9.6	
	22-Jul-08	3	< 1.0	14	< 5.0	86	80	
DEHP Dilution 5	29-Oct-08	4	< 0.2	80	J 0.2	290	180	
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
Dilution factor for DEHP is 50	8-Apr-09	2	< 0.9	74	< 0.8	340	1,100	
Dilution factor for DEHP is 10	22-Jul-09	3	< 0.9	8	< 0.8	34	550	
Dilution factor for DEHP is 10	11-Nov-09	4	< 0.9	63	< 0.8	140	350	
	15-Feb-10	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
Dilution factor for DEHP is 10	21-Apr-10	2	< 0.5	5.4	< 0.5	15	480	
Dilution factor for DEHP is 5	21-Apr-10	2 ^{duplicate}	< 0.5	6	< 0.5	22	460	
Dilution factor for DEHP is 2	24-Aug-10	3	< 0.5	12	< 0.5	19	140	
Dilution factor for DEHP is 5	8-Dec-10	4	< 0.5	16	< 0.5	38	180	
Dilution factor for DEHP is 5	8-Dec-10	4 ^{duplicate}	< 0.5	15	< 0.5	37	250	
	16-Mar-11	1	< 0.5	10	< 0.5	39	390	
	24-May-11	2	< 0.5	17	< 0.5	26	910	
MW-30i								
	21-Jun-06	2	J 0.3	38	1.4	170	J 2	
	13-Sep-06	3	< 0.2	1.5	< 0.2	4.9	19	
	8-Nov-06	4	< 0.2	J 0.2	< 0.2	< 0.6	J 1	
	8-Nov-06	4 ^{duplicate}	< 0.2	J 0.2	< 0.2	< 0.6	< 1.0	
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.3	
Dilution factor for DEHP 1.2	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.18	7-May-08	2 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2	
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	J 3	
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2	
	23-Jul-09	3 ^{duplicate}	< 0.9	< 0.8	< 0.8	< 0.9	J 3	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1	
	15-Feb-10	1	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	
	21-Apr-10	2	< 0.5	1.9	< 0.5	2.0	1.7	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	1.7	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	16-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	2	
	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	39	
	25-May-11	2 ^{duplicate}	< 0.5	< 0.5	< 0.5	< 1.5	15	
MW-30d								
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	J 3	
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 9	
	8-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9	
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.1	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1	
Dilution factor for DEHP 1.1	4-Dec-07	4 ^{duplicate}	< 1.0	< 1.0	7.7	< 3.0	< 1.1	
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9	
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen	
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	16-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	6.00	
MW-31s								
Dilution factor for BTEX 500, DEHP 83.6	8-May-08	2	< 500	5,500	< 2,500	27,000	310	
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylenes 250, DEHP 500	23-Jul-08	3	< 20	9,000	< 100	49,000	16,000	
Dilution factor for BTEX 50, DEHP 10	30-Oct-08	4	< 10	7,900	< 10	40,000	760	
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 100, DEHP 50	14-Jan-09	1	< 0.9	4,400	J 46	25,000	3,100	

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 Borough of Wharton, Morris County, New Jersey
 Groundwater Monitoring Data

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
Dilution factor for BTEX 10 and Xylenes 100, DEHP 10	9-Apr-09	2	< 9	2,300	< 8	9,600	690	
Dilution factor for Benzene & Toluene 5, Ethylbenzene and Xylene 50, DEHP 500	23-Jul-09	3	J 5	4,500	J 10	22,000	23,000	
Dilution factor for Benzene Ethylbenzene & Toluene 5, Xylene 50, DEHP 10	12-Nov-09	4	< 5	1,300	J 5	7,400	340	
Dilution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 25	16-Feb-10	1	4.4	4,000	11	17,000	1,000	
Dilution factor for Ethylbenzene & Xylene 250, DEHP 25	22-Apr-10	2	7.6	8,700	16	40,000	190	
Dilution factor for Ethylbenzene & Xylene 100, DEHP 10	25-Aug-10	3	3.6	760	8.4	12,000	440	
Dilution factor for Ethylbenzene and Xylene is 50, DEHP 10	9-Dec-10	4	1.0	730	2.4	4,100	1,100	
Dilution factor for Ethylbenzene & Xylene 100, DEHP 25	17-Mar-11	1	4.3	4,700	14.0	21,000	330	
Dilution factor for Ethylbenzene & Xylene 100, DEHP 250	26-May-11	2	3.2	3,900	12.0	19,000	19,000	
MW-32s								
Dilution factor for BTEX 200, DEHP 121000	8-May-08	2	< 200	16,000	< 1,000	75,000	370,000	
Dilution factor for Benzene & Toluene 50, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	< 50	8,600	< 250	43,000	7,900	
BTEX 5, Xylenes 10, DEHP 100	30-Oct-08	4	J 1.1	1,200	J 1.7	6,900	4,600	
Dilution for BTEX 50, Xylene 500, DEHP 500	15-Jan-09	1	< 45	8,900	< 40	40,000	12,000	
Dilution for Benzene & Ethylbenzene 20, Toluene & Xylenes 200, DEHP 100	8-Apr-09	2	< 18	8,200	< 16	50,000	8,600	
Dilution factor for BTEX 50, Xylene & DEHP 200	23-Jul-09	3	< 45	7,400	< 40	43,000	5,400	
Dilution factor for BTEX 20, Xylene 200 & DEHP 100	12-Nov-09	4	< 18	3,800	< 16	29,000	2,300	
Dilution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 1000	16-Feb-10	1	7.7	7,400	10	36,000	130,000	
Dilution factor for Ethylbenzene and Xylenes 100, DEHP 40	22-Apr-10	2	6.7	6,200	14	31,000	2,800	
Dilution factor for Ethylbenzene and Xylenes 100, DEHP 100	25-Aug-10	3	6.9	4,500	4.5	20,000	6,100	
Dilution factor for Ethylbenzene and Xylene is 50, DEHP 200	9-Dec-10	4	0.9	1,100	0.5	5,900	15,000	
Dilution factor for Ethylbenzene and Xylene is 100, DEHP 50	17-Mar-11	1	3.3	3,600	0.55	11,000	2,000	
Dilution factor for Ethylbenzene and Xylene is 100, DEHP 250	25-May-11	2	3.4	3,200	1.30	11,000	17,000	
MW-33s								
Dilution factor for DEHP 1.25	8-May-08	2	4	6.6	< 5.0	27	16	
	23-Jul-08	3	1.8	< 1.0	< 5.0	3.3	21	
Dilution factor for DEHP 50	30-Oct-08	4	J 0.4	J 0.6	J 0.3	< 3.0	5,500	
Dilution factor for DEHP 200	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	3,400	
Dilution factor for DEHP 50	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	1,100	
Dilution factor for DEHP 500	23-Jul-09	3	< 0.9	< 0.8	< 0.8	J 2.0	81,000	
Dilution factor for DEHP 20	12-Nov-09	4	< 0.9	< 0.8	< 0.8	J 2.0	790	
Dilution factor for DEHP 250	16-Feb-10	1	< 0.5	0.5	< 0.5	5.1	21,000	
Dilution factor for DEHP 20	22-Apr-10	2	< 0.5	1.5	< 0.5	10	910	
Dilution factor for DEHP 10	25-Aug-10	3	< 0.5	< 0.5	< 0.5	5.9	560	
Dilution factor for DEHP is 100	9-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	9,700	
	17-Mar-11	1	< 0.5	2.5	< 0.5	14.0	280	
Dilution factor for DEHP is 250	26-May-11	2	< 0.5	7.5	< 0.5	37.0	2,300	
MW-34s								
Dilution factor for Ethylbenzene and Total Xylenes 5, DEHP 1.33	6-May-08	2	1.3	230	< 5.0	1,200	3	
Dilution factor for BTEX 20	23-Jul-08	3	< 20	470	< 100.0	2,300	1.6	
	30-Oct-08	4	< 0.2	2	< 0.2	180	7	
Dilution factor for BTEX 10, Xylene 100	15-Jan-09	1	< 9	2,700	J 16.0	13,000	7	
Dilution for Benzene & Toluene 10, Ethylbenzene & Xylenes 100, DEHP 100	8-Apr-09	2	< 9	3,600	J 18.0	18,000	J 5	
Dilution for Benzene & Toluene 2, Ethylbenzene & Xylenes 20	23-Jul-09	3	< 2	1,300	J 5.0	6,700	9	
Ethylbenzene & Xylenes 10	12-Nov-09	4	< 0.9	440	< 0.8	1,000	J 4	
Dilution factor for Ethylbenzene and Xylene is 20	16-Feb-10	1	1.5	680	2.2	2,300	13	
Dilution factor for Ethylbenzene and Xylene is 100	22-Apr-10	2	5.6	3,400	44	14,000	8.1	
Dilution factor for Ethylbenzene and Xylene is 100	25-Aug-10	3	4.7	240	13	1,200	22	
	9-Dec-10	4	< 0.5	4	< 0.50	6	8	
	17-Mar-11	1	< 0.5	78	< 0.50	280	7.7	
Dilution factor for Ethylbenzene and Xylene is 10	26-May-11	2	0.68	380	2.00	1,100	72.0	
MW-35s								
Dilution factor for Ethylbenzene and Total Xylenes 500, DEHP 57	6-May-08	2	1.3	230	< 5.0	1,200	490	
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	16	12,000	260.0	67,000	530	
Dilution factor for Xylenes 100, Benzene 20, Toluene 20, Ethylbenzene 100, DEHP 10	30-Oct-08	4	J 9.6	8,800	34.0	57,000	460	
Dilution factor for benzene and Toluene 20, Ethylbenzene, Xylene and DEHP 200	15-Jan-09	1	< 18	12,000	J 36.0	88,000	3,500	
Dilution factor for Benzene and Toluene 20, Ethylbenzene & Xylene 200, DEHP 50	8-Apr-09	2	< 18	13,000	J 40.0	100,000	1,800	
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylene 200, DEHP 500	23-Jul-09	3	< 18	14,000	J 36.0	92,000	20,000	
Dilution factor for Benzene Ethylbenzene & Toluene 50, Xylene and DEHP 500	12-Nov-09	4	< 45	8,900	< 40.0	69,000	3,000	
Dilution factor for Benzene & Toluene 20, Ethylbenzene & Xylene 1000 and DEHP 25	16-Feb-10	1	< 10	9,800	30.0	59,000	660	
Dilution factor for Ethylbenzene & Xylene 200, and DEHP 25	22-Apr-10	2	13	14,000	35	79,000	540	
Dilution factor for Ethylbenzene & Xylene 1000, and DEHP 5	25-Aug-10	3	8.7	10,000	24	61,000	280	
Dilution for Ethylbenzene is 50, Xylene is 500, DEHP is 100	9-Dec-10	4	7.5	9,200	29	51,000	3,400	
Dilution for ethylbenzene is 200, xylene 200, bisethylhexylphthalate 25	17-Mar-11	1	5.8	16,000	30	83,000	570	
Dilution for ethylbenzene is 1000, xylene 1000, bisethylhexylphthalate 250	26-May-11	2	2.3	10,000	14	57,000	15,000	
Atmospheric Blank								
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	26-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	

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THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Feb-07	1	< 1.0	< 1.0	J 1.9	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
ATM-01	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
ATM-01, Dilution factor for DEHP 1.08	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	20-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
	24-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	8-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	< 0.96	
	16-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
Rinsate Blank								
	14-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	22-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	10-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.1	
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	2.7	
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
RB-02	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
RB-03	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
RB-02	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
RB-03	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
RB-02	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9	
RB-03	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
RB-01	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
RB-02	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
RB-01	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
RB-02	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
RB-01	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9	
RB-02	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2.0	
RB-02	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0	
RB-02	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
RB-02	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0	
RB-02	25-Aug-10	3	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
RB-02	9-Dec-10	4	< 0.5	< 0.5	0.6	< 1.5	< 0.96	
RB-03	9-Dec-10	4	< 0.5	< 0.5	0.7	< 1.5	23	
RB-01	17-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.95	
RB-02	17-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
RB-03	17-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	< 0.98	
RB-01	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.00	
RB-02	25-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	< 1.00	
RB-03	25-May-11	2	< 0.5	< 0.5	1.0	< 1.5	< 1.00	
Trip Blank								
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	NA	

**TABLE 2
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data**

THROUGH 2ND QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	1,3-Butadiene
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
SOLUBILITY LIMIT			1,700,000	152,000	515,000	175,000	334	
PRACTICAL QUANTITATION LIMIT [PQL]			1	2	1	2	3	
NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA			0.2	700	600	1,000	2	
HIGHER OF NJGWQS AND PQL			1	700	600	1,000	3	
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	12-Sep-06	3	< 0.2	J 0.2	< 0.2	< 0.6	NA	
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	6-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	18-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	NA	
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	5-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	8-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	NA	
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	14-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	21-Apr-10	2	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	7-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	8-Dec-10	4	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	30-Nov-10	4	< 0.5	< 0.5	< 0.5	< 1.5	NA	
	Trip Blank	16-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	NA
	TB-02	17-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	NA
	TB-03	18-Mar-11	1	< 0.5	< 0.5	< 0.5	< 1.5	NA
	TB-01	24-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	NA
	TB-02	25-May-11	2	< 0.5	< 0.5	3.2	< 1.5	NA
	TB-03	26-May-11	2	< 0.5	< 0.5	< 0.5	< 1.5	NA

LEGEND

ug/L = micrograms per liter
 NJGWQS = New Jersey Groundwater Quality Standards
 ROD: Record of Decision
 NA = Not Applicable
 NS = Not Sampled
 ND: No Detection
^{duplicate} = Duplicate sample
 Concentration exceeds NJGWQS
 B: Analyte also detected in blank
 J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

NOTES

- (1) Low flow sampling initiated 1st quarter 2002
- (2) GEI series wells are piezometers installed by Weston
- (3) GEI series wells, MW-19-3, and MW-19-4 are not sampled under revised groundwater monitoring program effective 1Q05.
- (4) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. However, DEHP was not detected in the re-analysis of the sample. The data reported here is from the re-analysis of the sample.
- (5) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. Comparable data was observed between the two extractions. The data reported here is from the initial extraction of the sample.
- (6) NJGWQS for toluene lowered August 2007

1.2

TABLE 3
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Through 2nd Quarter 2011

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead	
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l	
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾	
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	2Q04	80	30	589	ND	ND	0.054	3.6 J	150	NS	
	3Q04	630	30.9	553	ND	ND	0.12	1.7 J	230	NS	
	1Q05	350	17.2	347	0.22	ND	ND	7.4	230	NS	
	2Q05 ^L	390	10.8 J	413	2.8	ND	ND	33.3	3.0 J	NS	
	2Q05 ^U	1,400	15	455	3	ND	ND	30	2.0 J	NS	
	3Q05	3	67	1,070	0	1.3	ND	6	33	NS	
	4Q05	120	23	620	1	0.88	ND	37	19	NS	
	1Q06	25	36	559	ND	ND	ND	3.3 J	140	NS	
	2Q06	56	44	460	ND	0.43 J	ND	3.2 J	95	ND	
	Dilution factor for Methane 5	3Q06	60	13	435	ND	0.43 J	ND	5	310	ND
	Dilution factor for Methane 100	4Q06	20	16	411	ND	ND	0	2.9 J	1,700	ND
		1Q07	140	7	340	ND	ND	ND	ND	540	ND
		2Q07	180	20	1,100	ND	0.62	ND	ND	380	ND
		3Q07	1,200	23	710	ND	0.76	0	ND	300	ND
		4Q07	FS	30	500	ND	0.64	0	ND	680	ND
		1Q08	150	3.6	190	2	ND	ND	25	ND	ND
	Dilution factor for Dissolved Lead 5	2Q08	1,900	26	1,200	ND	0.52	ND	ND	650	ND
		3Q08	740	6.2	820	ND	0.57	ND	ND	510	ND
	Dilution for methane 50	4Q08	120	8.0 J	662	ND	0.60	0.14	ND	4,000	ND
	Dilution for methane 100	1Q09	13	25.2	356	ND	ND	ND	3.6 J	2,200	ND
	Dilution for methane 50	2Q09	36	12.8	670	ND	ND	ND	2.4 J	4,800	ND
		3Q09	25	11.2 J	353	ND	ND	ND	ND	5,300	ND
	MW-19R										
	Dilution factor for Nitrate and Sulfate 5	4Q10	7200	22	880	ND	0.13	0.086	70	280	ND
	Dilution factor for Nitrate and Sulfate 5	1Q11	290	ND	1000	3.5	0.044	ND	81	ND	ND
	Dilution factor for Nitrate and Sulfate 5	2Q11	31000	6	1200	1.5	0.06	ND	83	36	ND
	MW-19-5										
	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3Q04	180	14	942	0.06 J	ND	ND	15.7	2100	NS	NS	
1Q05	380	3.6 J	174	0.49	ND	ND	15.8	34	NS	NS	
2Q05 ^L	3000	3.6 J	177	ND	ND	ND	12	380	NS	NS	
2Q05 ^U	100	3.6 J	141	0.43	ND	ND	8.7	ND	NS	NS	
3Q05	69	6.8 J	463	ND	ND	ND	7.7	1700	NS	NS	
4Q05	58	ND	144	0.38	ND	ND	12.8	3.8 J	NS	NS	
1Q06	12	ND	287	0.97 J	ND	ND	11.2	290	NS	NS	
2Q06	22	9.2 J	190	0.19	ND	ND	14.2	150	ND	ND	
Dilution factor for Methane 10	3Q06	30	ND	275	0.12	ND	ND	10.2	700	ND	
Dilution factor for Methane 10	4Q06	620	ND	236	0.1	ND	ND	10.9	640	ND	
	1Q07	240	7	340	ND	0.51	ND	ND	500	0.011	
	2Q07	91	18	350	ND	0.13	ND	ND	570	ND	
Dilution factor for Methane 5	3Q07	110	7.8	360	ND	ND	ND	ND	840	ND	
	4Q07	FS	5.1	240	0.13	0.14	0.12	7.8	370	ND	
	1Q08	380	1.9	120	0.16	ND	ND	7.2	ND	ND	
	1Q08D	170	1.8	120	0.15	ND	ND	7.2	ND	ND	
	2Q08	560	3.3	370	0.15	ND	ND	13	340	ND	
Dilution factor for Methane 5	3Q08	100	16	560	ND	0.3	ND	ND	1,500	ND	
	4Q08	46	ND	164	0.35	ND	ND	15.1	59	ND	
Dilution factor for Methane 2	1Q09	33	ND	143	0.047 J	ND	ND	11	530	ND	
Dilution factor for Methane 5	2Q09	27	ND	250	0.069 J	ND	ND	6.4	1,300	ND	
Dilution factor for Methane 5	2Q09D	110	ND	250	0.071 J	2.6	ND	6.4	1,400	ND	
Dilution factor for Methane 10	3Q09	25	3.2 J	399	ND	ND	ND	6.7	3400	ND	
MW-19-5R											
Dilution factor for Nitrate and Sulfate 5, Methane 250	4Q10	4800	42	600	ND	0.37	0.18	14	4600	ND	
Dilution factor for Nitrate and Sulfate 5, Methane 100	1Q11	1100	9	630	0.7	0.32	0.071	82	5000	ND	
Dilution factor for Nitrate and Sulfate 5, Methane 100	2Q11	280	27	840	0.36	0.16	0.12	58	3700	ND	
MW-19-6											
1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2Q04	35	10.4 J	1670	1.6	ND	ND	37.3	140	NS	NS	
3Q04	110	18.8	1240	1.1	ND	0.062	38.3	140	NS	NS	
1Q05	82	11.2 J	544	1.7	ND	ND	44	130	NS	NS	
2Q05 ^L	23	18	1180	1.3	0.29 J	ND	33.5	44	NS	NS	
2Q05 ^U	160	ND	1190	1	ND	ND	32.7	96	NS	NS	
3Q05	90	40.8	1520	1.1	ND	ND	35	38	NS	NS	
4Q05	43	10.8 J	940	3.5	ND	ND	47.8	43	NS	NS	
1Q06	14	4.4 J	634	1.8	ND	ND	36.6	50	NS	NS	
2Q06	14	ND	802	2	ND	ND	38.3	44	ND	ND	
2Q06D	15	ND	790	2	ND	ND	37.7	45	ND	ND	
3Q06	75	4.4 J	682	2.6	ND	ND	37.1	32	ND	ND	
4Q06	240	ND	574	2.3	ND	ND	38.3	31	ND	ND	
1Q07	62	5.3	490	2.4	ND	ND	34	21	ND	ND	
2Q07	70	8.7	1900	2.9	ND	ND	48	230	ND	ND	
3Q07	100	2.6	820	2	ND	ND	40	68	ND	ND	
4Q07	FS	3.2	710	2.3	ND	ND	36	87	ND	ND	
1Q08	120	2.6	650	1.1	ND	ND	28	78	ND	ND	
2Q08	22	2.9	1,200	1.9	ND	ND	32	27	ND	ND	
3Q08	140	6.2	1,400	1.3	ND	ND	34	140	ND	ND	
4Q08	31	ND	938	2.9	ND	ND	36.4	110	ND	ND	
1Q09	8	ND	600	1.5	ND	ND	32.2	89	ND	ND	
2Q09	15	3.6 J	1,380	2.2	ND	ND	37.4	140	ND	ND	
3Q09	6	4.0 J	938	1.5	ND	ND	36.1	230	ND	ND	
MW-19-6R											

TABLE 3
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Through 2nd Quarter 2011

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead	
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l	
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾	
	Dilution factor for Nitrate and Sulfate 5	4Q10	46000	9	620	1.5	0.012	ND	39	7.6	ND
	Dilution factor for Nitrate and Sulfate 5	1Q11	260	8	1200	0.69	0.028	ND	38	60	ND
	Dilution factor for Nitrate and Sulfate 5	2Q11	980	5	700	0.76	0.033	ND	34	3.8	ND
MW-19-7											
		1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2Q04	110	6.8 J	2110	0.21	ND	ND	47.2	5200	NS
		2Q04D	88	9.2 J	2040	0.21	0.15 J	ND	37.3	5400	NS
		3Q04	2000	4.4 J	1920	1.5	ND	ND	64.4	2400	NS
	Dilution factor for Methane 250	1Q05	75	6.0 J	774	3.2	ND	ND	29.1	10000	NS
	Dilution factor for Methane 250	1Q05D	77	7.2 J	754	3.2	ND	ND	30.5	11000	NS
		2Q05 ^L	32	54	472	ND	0.50 J	0.45	ND	13000	NS
		2Q05 ^U	41	48	481	ND	0.35 J	0.32	ND	10000	NS
		3Q05 ^L	17	45.6	1450	ND	ND	0.3	19.2	2900	NS
		3Q05 ^U	17	31.6	1280	0.22	0.29 J	0.1	25.7	1600	NS
	Dilution factor for Methane 250	4Q05	16	32	926	0.16	0.5	0.23	8.9	7700	NS
		1Q06	14	33.2	621	ND	ND	0.3	2.2 J	10000	NS
		1Q06D	10	36.8	628	ND	ND	0.3	1.6 J	10000	NS
	Dilution factor for Methane 200	2Q06	68	16.8	655	0.87	ND	0.16	12.9	11000	ND
	Dilution factor for Methane 100	3Q06	79	9.2 J	799	2.1	ND	0.15	15.1	8600	ND
	Dilution factor for Methane 100	4Q06	600	4.4 J	568	3.4	ND	ND	31.3	5600	ND
	Dilution factor for Methane 50	1Q07	38	18	420	0.59	ND	0.31	11	1200	ND
	Dilution factor for Methane 50	1Q07D	40	19	440	0.69	ND	0.31	12	1300	ND
		2Q07	130	4.4	610	0.25	ND	ND	12	530	ND
		3Q07	890	1.8	590	0.39	ND	ND	16	120	ND
		4Q07	FS	2.2	1200	2.6	0.23	ND	21	170	ND
		1Q08	180	6.7	1600	3.2	ND	ND	24	300	ND
		2Q08	52	6.8	1100	0.24	0.12	ND	17	430	ND
		3Q08	340	15	560	ND	0.11	0.11	ND	400	ND
	Dilution factor for Methane 50	4Q08	270	3.25	617	1.1	ND	ND	20	550	ND
	Dilution factor for Methane 50	4Q08D	110	ND	625	1.1	ND	ND	20.6	570	ND
		1Q09	34	4.0 J	2280	1.9	ND	ND	31.9	280	ND
		2Q09	98	23.6	3010	1.1	ND	ND	31.2	400	ND
		3Q09	250	5.2 J	1250	0.33	ND	ND	29	740	ND
MW-19-7R											
	Dilution factor for Nitrate and Sulfate 5	4Q10	2800	10	560	2.1	0.2	0.23	35	35	ND
	Dilution factor for Nitrate and Sulfate 5, Methane 100	1Q11	43	10	1300	ND	0.28	0.26	16	3300	ND
	Dilution factor for Nitrate and Sulfate 5	2Q11	110	20	990	1.9	0.17	0.29	11	22	ND
	Dilution factor for Nitrate and Sulfate 5	2Q11D	180	21	990	1.9	0.19	0.29	10	1	ND
MW-19-8											
		2Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2Q04	45	14.4	1120	ND	ND	0.15	22.8	79	NS
		3Q04	15	7.2 J	573	ND	0.24 J	0.12	11.5	790	NS
	Dilution factor for Methane 50	1Q05	91	25.2	1150	ND	ND	0.18	16.3	510	NS
		2Q05	270	20	796	ND	ND	ND	23.7	5.3	NS
		3Q05	ND	8.8 J	876	0.33	0.26 J	ND	20.3	74	NS
		4Q05	210	4.4 J	926	0.88	ND	ND	24.6	24	NS
	Dilution factor for Nitrate and Sulfate 5	1Q11	40	4	1900	2.6	0.026	ND	37	1.2	NS
MW-19-9D											
		1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2Q04	210	6.0 J	621	0.14	0.33 J	ND	18.2	1300	NS
		3Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4Q05	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-19-10											
		1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2Q04	34	6.8 J	563	ND	ND	ND	18	2.6 J	NS
		3Q04	18	10.4 J	908	ND	ND	ND	19.2	3.3 J	NS
		3Q04D	22	10.8 J	890	ND	0.24 J	ND	17.9	2.9 J	NS
		1Q05	29	5.2 J	625	ND	ND	ND	16.9	74	NS
		2Q05 ^L	170	32.4	653	ND	ND	ND	18.1	48	NS
		2Q05 ^U	93	32	691	ND	0.12 J	ND	18.3	48	NS
		3Q05	26	10.4 J	560	ND	ND	ND	16	ND	NS
		4Q05	56	17.2	654	ND	ND	ND	15.3	3.2 J	NS
MW-19-11											
		1Q05	940	4.8 J	4750	2.2	ND	ND	65.6	9.9	NS
		2Q05 ^L	NS	64	731	ND	0.42 J	ND	18	930	NS
		2Q05 ^U	14	27.2	740	ND	ND	ND	17.2	1200	NS
		3Q05	63	106	555	ND	ND	0.11	21.5	26	NS
	Dilution factor for Methane 100	4Q05	80	15.2	854	ND	0.32 J	ND	25.5	440	NS
MW-19-12⁽³⁾											
		2Q06	4,000	11.2 J	548	0.048 J	ND	ND	15.1	4.8 J	ND
	Dilution factor for Methane 50	3Q06	170	6.4 J	822	0.36	ND	ND	22.9	170	ND
		4Q06	2	4.4 J	716	0.22	ND	ND	21.3	130	ND
		4Q06D	2	ND	718	0.17	ND	ND	21.8	130	ND
		1Q07	4	5.5	400	0.56	0.12	ND	20	ND	ND
		2Q07	55	ND	240	0.93	ND	ND	13	ND	ND
		2Q07D	8	ND	270	0.93	ND	ND	13	ND	ND
		3Q07	73	ND	290	0.89	ND	ND	13	ND	ND
		4Q07	FS	3	260	0.9	ND	ND	11	ND	ND
		1Q08	9	ND	160	0.84	ND	ND	5.7	ND	ND

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Dayco Corporation/L.E. Carpenter Superfund Site
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Through 2nd Quarter 2011

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
	2Q08	ND	1.1	220	1	ND	ND	10	ND	ND
	3Q08	2	1.7	220	0.72	ND	ND	8.1	ND	ND
	4Q08	7	ND	269	0.79	ND	ND	16.6	ND	ND
	1Q09	4	ND	170	1.1	ND	ND	18.3	ND	ND
	2Q09	320	5.2 J	334	0.94	ND	ND	18.5	ND	ND
	3Q09	18	ND	261	0.9	6.2	ND	13.3	ND	ND
	4Q09	ND	ND	263	0.81	ND	ND	15.3	ND	ND
	Dilution factor for Nitrate and Sulfate is 5	4Q10	ND	ND	280	0.78	ND	0.057	15	ND
	Dilution factor for Nitrate and Sulfate is 5	1Q11	4	14	280	1	0.028	ND	11	ND
	Dilution factor for Nitrate and Sulfate is 5	211	58	ND	250	1.1	0.032	ND	9.6	ND
	MW-19-13									
	Dilution factor for Nitrate and Sulfate is 5	4Q10	5,600	110	560	ND	0.33	0.19	26	9,600
	Dilution factor for Nitrate and Sulfate 5, Methane 50	1Q11	9,000	130	470	3.5	0.059	0.17	66	2,000
	Dilution factor for Nitrate and Sulfate 5, Methane 100	2Q11	500	79	460	ND	0.17	0.13	44	4,300
	MW-19-14									
	Dilution factor for Nitrate and Sulfate 5, Methane 2	4Q10	31,000	24	870	0.32	0.16	ND	65	95
	Dilution factor for Nitrate and Sulfate 5, Methane 2	4Q10D	27,000	24	970	0.36	0.014	ND	67	37
	Dilution factor for Nitrate and Sulfate 5	1Q11	320	ND	940	3.5	0.037	ND	93	ND
	Dilution factor for Nitrate and Sulfate 5	1Q11D	340	ND	920	3.4	0.042	ND	93	ND
	Dilution factor for Nitrate and Sulfate 5	2Q11	660	9	1200	2.1	0.053	ND	120	9.9
	MW-19-15									
	Dilution factor for Nitrate and Sulfate is 5	4Q10	88,000	21	510	0.55	0.13	ND	34	6
	Dilution factor for Nitrate and Sulfate is 5	1Q11	2,200	7	1400	3.4	0.015	ND	54	ND
	Dilution factor for Nitrate and Sulfate is 5	2Q11	920	7	1000	1.3	0.18	ND	90	7.6
	MW-19-16									
	Dilution factor for Nitrate and Sulfate is 5	4Q10	2,100	9	980	0.7	0.016	ND	87	ND
	Dilution factor for Nitrate and Sulfate is 5	1Q11	740	ND	950	4.6	0.012	ND	100	ND
	Dilution factor for Nitrate and Sulfate is 5	2Q11	1,000	9	700	ND	0.041	ND	27	1.2
	MW-19-17									
	Dilution factor for Nitrate and Sulfate is 5	4Q10	130	9	380	ND	0.73	0.13	4.8	980
	Dilution factor for Nitrate and Sulfate is 5	1Q11	64	14	1300	ND	0.91	0.092	13	33
	Dilution factor for Nitrate and Sulfate is 5	2Q11	180	5	970	0.27	0.31	ND	34	5
	MW-8									
	Dilution factor for Methane 10	3Q08	ND	66	300	ND	0.68	0.4	ND	3,000
	Dilution factor for Methane 20	4Q08	5,200	33.6	94.5	ND	0.35 J	ND	1.9 J	1,800
	Dilution factor for Methane 10	1Q09	51	56.8	270	ND	0.64	0.16	ND	2,600
	Dilution factor for Methane 50	2Q09	450	28	174	ND	ND	ND	ND	6,100
		3Q09	75	40	407	ND	ND	0.13	2.5 J	2,400
	Dilution factor for Methane 20	4Q09	84	42.5	191	ND	0.53 J	ND	ND	5,600
	Dilution factor for Nitrate, and Ammonia 5, TDS & TSS 2	1Q10	46	62	280	0.35	0.44	0.24	ND	1,500
	Dilution factor for Nitrate and Methane 5, TDS 20	2Q10	240	36	ND	ND	0.24	0.24	ND	140
	Dilution factor for Nitrate 5, Methane 100	3Q10	100	70	490	ND	0.61	0.29	7.7	4,900
	Dilution for Methane 100, Nitrate and Sulfate 5	4Q10	44	58	200	ND	0.27	0.15	ND	1,800
	Dilution for Methane 50, Nitrate and Sulfate 5	1Q11	57	31	500	0.089	0.35	0.18	ND	2,000
	Dilution for Methane 100, Nitrate and Sulfate 5	2Q11	890	34	520	ND	0.36	0.25	ND	290
	MW-25R									
	2Q06	1,100	18.8	340	ND	0.24 J	ND	2.9 J	140	ND
	3Q06	>5700	279	329	ND	0.24 J	0.14	3.3 J	30	ND
	4Q06	1,000	16.8	331	ND	ND	ND	6.2	25	ND
	1Q07	240	49	300	ND	0.12	ND	ND	29	ND
	2Q07	>5700	100	340	ND	0.15	ND	5.9	33	ND
	2Q07D	>5700	100	350	ND	0.11	ND	6.4	32	ND
	3Q07	>5700	10	260	ND	ND	ND	14	ND	ND
	4Q07	FS	490	380	ND	0.41	0.43	10	ND	ND
	1Q08	>5700	140	360	ND	0.13	0.17	5.4	55	ND
	2Q08	>5700	200	330	ND	0.15	0.23	ND	130	ND
	3Q08	ND	68	380	ND	0.14	ND	ND	12	ND
	4Q08	>5700	ND	243	ND	ND	ND	16	3.5 J	ND
	1Q09	1,500	36.8	344	ND	ND	ND	36.5	57	ND
	2Q09	>5700	98.8	362	ND	ND	ND	9.4	7.6 J	ND
	3Q09	2,100	32.4	412	ND	ND	ND	8.5	100	ND
	4Q09	1,600	160	198	ND	0.42 J	ND	12	30	ND
	Dilution factor for Nitrate 5, TDS 2	1Q10	580	95	430	0.35	0.18	0.14	6.9	41
	Dilution factor for Nitrate 5, TDS 20, TSS 4	2Q10	1,700	160	ND	ND	0.068	0.20	1.4	36
	Dilution factor for Nitrate 5	3Q10	3,800	65	650	ND	0.11	ND	30	1.5
	Dilution factor for Nitrate and Sulfate 5	4Q10	920	22	350	ND	0.099	ND	13	8.5
	Dilution factor for Nitrate and Sulfate 5	1Q11	6,400	23	420	0.09	0.16	ND	15	36.0
	Dilution factor for Nitrate and Sulfate 5, methane 10	2Q11	28,000	550	410	ND	0.22	0.57	ND	93.0
	MW-27s									
	2Q06	NR	5180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3850	798	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	753	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	650	ND	ND	0.19	91	ND	ND
	2Q07	>5700	48	640	ND	ND	3.5	97	ND	ND
	3Q07	270	150	630	ND	ND	0.12	84	ND	ND
	4Q07	FS	260	620	0.16	0.45	ND	87	22	ND
	1Q08	>5700	850	530	0.65	ND	0.74	78	ND	ND
	2Q08	>5700	770	490	0.19	ND	0.91	67	ND	ND
	Dilution factor for Phosphorus 4	3Q08	560	1,400	620	ND	0.14	17	61	11

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UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
Dilution for Methane 100, Ammonia & Nitrate 5	3Q10	15	45	510	ND	8.9	0.37	7.0	1,800	ND
Dilution for Methane 100, Nitrate and Sulfate 5, Ammonia 10	4Q10	23	27	420	ND	10	0.41	2.7	4,300	ND
Dilution factor for Nitrate and Sulfate 5	1Q11	470	15	540	0.093	4.3	ND	4.1	1,800	ND
Dilution factor for Nitrate and Sulfate 5	2Q11	560	57	510	ND	3.7	0.33	3.5	4,200	ND
MW-30s										
	2Q06	2,200	75.6	348	ND	0.86	0.17	5.2	3,800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2,500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6,500	ND
Dilution factor for Methane 10	2Q07	>5700	650	350	ND	0.94	1.6	ND	1,800	ND
Dilution factor for Methane 4	3Q07	>5700	220	440	ND	1	0.34	ND	1,700	ND
Dilution factor for Methane 4	3Q07D	>5700	180	400	ND	1.1	0.33	ND	1,500	ND
Dilution factor for Methane 10	4Q07	>5700	120	520	ND	1.3	0.22	ND	1,900	ND
Dilution factor for Methane 4	1Q08	1,100	2,300	410	ND	0.97	1.2	ND	1,300	ND
Dilution factor for Methane 10	2Q08	>5700	36	320	ND	0.93	0.26	ND	1,700	ND
Dilution factor for Methane 4	3Q08	ND	36	390	ND	2.60	0.29	ND	1,800	ND
Dilution factor for Methane 50	4Q08	2,300	18	401	ND	1.30	0.19	ND	4,100	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution factor for Methane 20	2Q09	210	40	464	ND	1.3	0.14	2.0 J	3,700	ND
Dilution factor for Methane 50	3Q09	720	38.8	461	ND	1.6	0.21	ND	4,200	ND
Dilution factor for Methane 20	4Q09	720	33.2	457	ND	1.3	ND	ND	4,400	ND
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution for Methane 200, TSS & TDS 2, Nitrate 5	2Q10D	2,700	50	470	ND	0.93	0.26	ND	3,300	ND
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	12,000	48	440	ND	0.91	0.26	ND	3,200	ND
Dilution for Methane 100, Nitrate 5	3Q10	3,600	46	480	ND	1.0	0.32	4.9	1,600	ND
Dilution factor for Nitrate and Sulfate 5	4Q10	120	31	460	ND	1.2	0.24	ND	4,200	ND
Dilution factor for Nitrate and Sulfate 5	4Q10D	1,200	41	490	ND	1.2	0.27	ND	1,400	ND
Dilution factor for Nitrate and Sulfate 5	1Q11	1,200	42	530	ND	0.038	0.26	5.5	1,600	ND
Dilution factor for Nitrate and Sulfate 5, Methane 100	2Q11	19,000	68	450	ND	0.820	0.32	ND	3,200	ND
MW-30i										
	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1,100	ND
Dilution factor for Methane 100	3Q06	290	41.6	414	ND	0.83	0.23	3.2 J	1,200	ND
Dilution factor for Methane 50	4Q06	40	17.2	456	ND	0.89	0.24	11.1	930	ND
Dilution factor for Methane 50	4Q06D	43	41.2	478	ND	ND	0.23	11.1	930	ND
Dilution factor for Methane 4	2Q07	36	34	300	ND	0.8	0.31	ND	680	ND
	3Q07	ND	41	430	ND	1	0.33	ND	97	ND
	4Q07	470	69	530	ND	1.1	0.45	ND	ND	ND
	1Q08	2	33	410	ND	1.2	0.34	ND	370	ND
	2Q08	23	27	540	ND	1	ND	ND	510	ND
	2Q08D	16	26	300	ND	1	0.29	ND	560	ND
Dilution factor for Methane 4	3Q08	ND	31	390	ND	1.3	0.38	ND	790	ND
Dilution factor for Methane 5	4Q08	6	21.6	411	ND	1.4	0.27	4.4 J	400	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	670	36.8	474	ND	1.3	0.19	5.9	270	ND
Dilution factor for Methane 2, Ammonia Nitrogen 2	3Q09	5	28.0	431	ND	1.3	0.26	4.3 J	660	ND
Dilution factor for Methane 2	3Q09D	6	24.8	444	ND	0.72	0.25	4.2 J	730	ND
	4Q09	13	24.0	448	ND	ND	0.14	6.1	170	ND
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution for Methane 100, TSS & TDS 2, Nitrate 5	2Q10	130	42	460	ND	0.86	0.38	ND	2,100	ND
Dilution for Methane 50, Nitrate 5	3Q10	50	31	440	ND	1.1	0.39	5.6	640	ND
Dilution for Nitrate and Sulfate 5	4Q10	17	39	540	ND	1.1	0.35	5.1	65	ND
Dilution for Nitrate and Sulfate 5, Methane 10	1Q11	50	27	500	ND	ND	0.30	10.0	670	ND
Dilution for Nitrate and Sulfate 5, Methane 100	2Q11	78	57	390	ND	0.6	0.46	2.7	1,200	ND
Dilution for Nitrate and Sulfate 5, Methane 100	2Q11D	160	40	390	ND	0.7	0.43	2.6	1,700	ND
MW-30d										
	2Q06	2,800	11.6	248	ND	0.30 J	ND	9.7	45	ND
	3Q06	>5700	6.4 J	288	0.043 J	ND	ND	10.6	5	ND
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND
	2Q07	130	13	240	ND	0.11	ND	10	77	ND
	3Q07	78	9	260	ND	0.16	ND	11	ND	ND
	4Q07	FS	20	300	ND	0.24	0.11	11	ND	ND
	4Q07D	FS	20	270	ND	0.19	0.28	11	ND	ND
	1Q08	790	8	300	ND	0.12	ND	9.4	47	ND
	2Q08	420	12	370	ND	0.27	ND	5.3	140	ND
	3Q08	ND	9.2	280	ND	0.31	0.13	9.2	16	ND
	4Q08	40	9.2 J	309	ND	0.27 J	ND	12.7	ND	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	75	9.2 J	324	0.046 J	ND	ND	14.3	5 J	ND
	3Q09	9	6.4 J	321	ND	ND	ND	14.8	60	ND
	4Q09	7	5.2 J	331	0.1	ND	ND	15	ND	ND
Dilution factor for Nitrate 5, Methane 4	1Q10	38	11	350	ND	0.12	0.05	10	90	ND
Dilution factor for Methane 2, Nitrate 5, TDS 10	2Q10	33	6.0	110	ND	0.079	0.051	8.7	71	ND
Dilution factor for Nitrate 5	3Q10	8,300	15.0	300	ND	0.071	0.13	12	ND	ND
Dilution factor for Nitrate and Sulfate 5	4Q10	56	10.0	500	0.1	0.160	0.05	14	ND	ND
Dilution factor for Nitrate and Sulfate 5	1Q11	250	7.0	330	ND	0.920	ND	14	11	ND
Dilution factor for Nitrate and Sulfate 5	2Q11	3,500	5.0	300	0.3	0.072	0.081	12	28	ND
MW-31s										
Dilution factor for Ammonia and Methane 10	2Q08	>5700	460	810	0.12	22	0.68	44	3,000	ND
Dilution factor for Ammonia and Methane 10	3Q08	ND	320	1900	ND	22	0.71	72	2,100	ND
Dilution factor for Sulfate 10 and Methane 50	4Q08	> 5700	11.5 J	502	ND	10.8	0.14	84.2	2,800	ND
Dilution factor for Methane 100	1Q09	620	35.2	629	ND	22.6	0.40	47.9	11,000	ND
Dilution factor for Sulfate and Methane 20	2Q09	> 5700	ND	556	0.056 J	6.4	ND	136	2,400	ND
Dilution factor for Methane 50	3Q09	6,800	36.80	576	ND	19.8	0.12	35.9	12,000	ND

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UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
Dilution factor for Sulfate 20, and Methane 200	4Q09	100,000	7.6 J	619	ND	9.1	ND	187.0	3,200	ND
Dilution factor for Nitrate 5, Ammonia 10, TSS 2, Methane 500	1Q10	230	54.00	600	ND	16.0	0.30	56.0	15,000	ND
Dilution for Methane 500, Ammonia 10, TDS 5, Nitrate 5	2Q10	210,000	5.0	630	ND	12.0	0.26	36	13,000	ND
Dilution for Methane 250, Ammonia 10, Nitrate 5	3Q10	>30,000	11.0	920	ND	15.0	0.25	41	3,900	ND
Dilution factor for Nitrate 5, Sulfate 24, Methane 200	4Q10	>30000	23.0	430	ND	2.0	0.10	510	970	ND
Dilution factor for Nitrate 5, Sulfate 5, Ammonia 10, Methane 200	1Q11	36,000	ND	620	ND	9.1	0.21	120	10,000	ND
Dilution factor for Nitrate 5, Sulfate 5, Methane 200	2Q11	180	23.0	640	ND	0.1	0.24	46	6,800	ND
MW-32s										
Dilution factor for Methane 100	2Q08	>5700	NS	3400	ND	2	14	8.6	4,800	ND
Dilution factor for Methane 100	3Q08	410	NS	650	ND	1.6	2.6	NS	2,900	ND
Dilution factor for Sulfate 20 and Methane 100	4Q08	> 5700	50	818	ND	1.6	0.11	200	5,400	ND
Dilution factor for Methane 200	1Q09	430	385	637	ND	0.69	ND	8.9	9,500	ND
Dilution factor for Sulfate 20 and Methane 100	2Q09	240	35.2	612	0.16	1.8	ND	122	6,900	ND
Dilution factor for Ammonia Nitrogen 3 and Methane 50	3Q09	290	113	620	ND	ND	ND	2.8 J	12,000	ND
Dilution factor for Methane 50	4Q09	5,200	208	691	ND	1.2	ND	47.9	7,300	ND
Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	4,600	15	540	ND	0.53	0.13	4.7	13,000	ND
Dilution for Methane 200, TSS 2, TDS 20, Nitrate 5	2Q10	370	52	520	ND	0.085	0.14	11	11,000	ND
Dilution for Methane 200, Nitrate 5	3Q10	11,000	400	850	ND	0.40	0.17	12	5,100	ND
Dilution factor for Nitrate 5, Sulfate 100, Methane 200	4Q10	500,000	69	300	ND	0.54	0.29	460	2,100	ND
Dilution factor for Nitrate 5, Sulfate 5, Methane 200	1Q11	950	31	710	ND	0.35	0.17	120	8,700	ND
Dilution factor for Nitrate 5, Sulfate 5, Methane 200	2Q11	56,000	41	700	ND	1.40	0.35	49	7,200	ND
MW-33s										
Dilution factor for Methane 100	2Q08	>5700	220	310	ND	5	0.17	8	2,800	0.011
Dilution factor for Methane 100	3Q08	ND	250	380	ND	7	ND	10	2,000	ND
Dilution factor for Methane 100	4Q08	> 5700	51	358	ND	7.4	0.13	8.6	4,800	ND
Dilution factor for Methane 200	1Q09	160	122	395	ND	ND	ND	68.1	9,600	ND
Dilution factor for Methane 50	2Q09	2,800	74	410	ND	6.7	0.31	4.8 J	8,400	ND
Dilution factor for Ammonia Nitrogen 2 and Methane 25	3Q09	1,200	181	610	ND	5.8	0.42	12.9	5,100	ND
Dilution factor for Methane 200	4Q09	670	85	518	ND	5.8	ND	7.2	3,200	ND
Dilution factor for TDS 2, Nitrate, & Ammonia 5, Methane 200	1Q10	6,700	ND	420	ND	7.2	0.06	6.2	6,900	ND
Dilution for Methane 200, TSS 2, TDS 20, Nitrate 5	2Q10	6,000	74	460	ND	4.0	0.098	9.3	6,100	ND
Dilution for Methane 200, Nitrate 5	3Q10	66,000	22	650	ND	4.3	0.130	18	540	ND
Dilution for Nitrate and Sulfate 5, Methane 100	4Q10	34,000	34	1400	ND	4.0	0.190	110	270	ND
Dilution for Nitrate and Sulfate 5, Methane 50	1Q11	21,000	23	750	ND	1.8	0.080	120	2,200	ND
Dilution for Nitrate and Sulfate 5, Methane 100	2Q11	9,300	92	700	0	1.4	0.150	77	1,500	ND
MW-34s										
Dilution factor for Methane 100	2Q08	>5700	NS	490	ND	ND	ND	12	3,700	ND
Dilution factor for Methane 100	3Q08	ND	NS	NS	NS	ND	0.34	NS	2,800	NS
Dilution factor for Methane 50	4Q08	2,100	ND	693	0.53	0.35 J	ND	23.9	490	ND
Dilution for Ammonia Nitrogen 5, Methane 200	1Q09	NM	NS	NS	ND	ND	ND	NS	7,200	ND
Dilution factor for Methane 100	2Q09	NA	26.4	369	0.16	0.38 J	ND	8.7	8,600	ND
Dilution factor for Methane 50	3Q09	150	56.4	NS	ND	ND	ND	4.9 J	9,600	ND
Dilution factor for Methane 200	4Q09	45	293	462	ND	ND	ND	9.8	4,400	ND
Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	9,300	27	400	ND	0.13	ND	2.8	9,200	ND
Dilution for Methane 200, TSS 2, TDS 10, Nitrate 5	2Q10	1,700	20	370	ND	ND	ND	2.8	8,700	ND
Dilution for Methane 200	3Q10	>30,000	NS-dry	NS-dry	NS-dry	0.032	0.084	NS-dry	3,100	ND
Dilution factor for Nitrate 5, Sulfate 100	4Q10	8,700	24	180	0.23	0.14	ND	210	ND	ND
Dilution factor for Nitrate and Sulfate 5, Methane 100	1Q11	810	6	380	ND	0.13	ND	65	270	ND
Dilution factor for Nitrate and Sulfate 5, Methane 100	2Q11	2,600	24	560	ND	0.15	0.064	81	1,300	ND
MW-35s										
Dilution factor for Methane is 100	2Q08	>5700	2100	570	ND	1.8	ND	13	3,900	ND
Dilution factor for Methane is 100	3Q08	ND	85	520	ND	1.3	ND	ND	3,600	ND
Dilution factor for Methane 100	4Q08	> 5700	22.4 J	568	ND	2.9	0.16	20.6	12,000	ND
Dilution factor for Methane 200	1Q09	1,800	37.6	499	ND	0.8	0.087 J	ND	20,000	ND
Dilution factor for Methane 200	2Q09	680	77.6	459	ND	1.1	0.19	9.4	20,000	ND
Dilution factor for Methane 100	3Q09	50	114.0	466	ND	1.4	0.25	ND	17,000	ND
Dilution factor for Methane 50	4Q09	1,100	26.8	508	ND	0.84	ND	17.1	8,400	ND
Dilution factor for Nitrate 5, TDS 2, Methane 1000	1Q10	680	ND	460	ND	0.24	0.08	0.9	17,000	ND
Dilution for Methane 400, TSS 2, TDS 20, Nitrate 5	2Q10	76	38	540	ND	0.081	0.079	ND	15,000	ND
Dilution for Methane 250, Nitrate 5	3Q10	170	35	570	ND	0.15	0.11	4.6	13,000	ND
Dilution factor for Nitrate and Sulfate 5, Methane 250	4Q10	5800	64	720	ND	0.78	0.09	24.0	4,200	ND
Dilution factor for Nitrate and Sulfate 5, Methane 200	1Q11	580	39	430	ND	0.11	0.10	2.7	9,200	ND
Dilution factor for Nitrate and Sulfate 5, Methane 100	2Q11	630	61	530	ND	0.20	0.18	ND	6,500	ND
Atmospheric Blank										
	1Q05	> 5700	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	5	ND	10.0 J	ND	ND	ND	0.30 J	ND	NS
	1Q06	2	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	38	ND	ND	ND	ND	ND	1.5 J	ND	ND*
	3Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	1	ND	ND	ND	ND	ND	ND	22	ND*
	2Q07	ND	ND	19	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	0.0051*
	3Q08	ND	ND	ND	ND	0.16	ND	ND	ND	ND*
	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*

TABLE 3
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Analytical Data

Through 2nd Quarter 2011

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
	2Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q10	ND	11	ND	0.35	ND	ND	ND	ND	ND*
Dilution factor for Nitrate, Lead, and TDS	2Q10	ND	ND	ND	ND	ND	ND	ND	ND	ND*
Dilution factor for Nitrate and Lead	3Q10	ND	ND	ND	ND	ND	ND	ND	ND	ND*
Dilution factor for Lead, Nitrate and Sulfate	4Q10	2.5	ND	15	ND	ND	ND	ND	ND	ND*
Dilution factor for Lead, Nitrate and Sulfate	1Q11	ND	ND	ND	ND	0.042	ND	ND	ND	ND*
Dilution factor for Lead, Nitrate and Sulfate	2Q11	3.5	ND	ND	ND	0.038	ND	ND	ND	ND*
Rinsate Blank	1Q05	36	ND	ND	ND	ND	ND	ND	ND	NS
	3Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4Q05	ND	ND	ND	ND	ND	ND	ND	ND	NS
	1Q06	ND	ND	ND	ND	ND	ND	ND	ND	NS
	2Q06	120	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q06	250	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	45	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q06	84	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q06	56	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q07	1	ND	2.5	ND	ND	ND	ND	ND	ND*
	2Q07	2	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	4Q07	ND	ND	11	0.17	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	1Q08	ND	ND	ND	ND	ND	0.15	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	2Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
	3Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-03	4Q08	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	1Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-03	1Q09	26	ND	ND	ND	ND	ND	ND	ND	ND*
RB-01	2Q09	1	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	2Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-01	3Q09	32	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	3Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02 Dilution for Nitrate 5, TSS 2	1Q10	1	24	ND	ND	ND	ND	0.66	ND	ND*
RB-02 Dilution for Nitrate 5, TDS 2	2Q10	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02 Dilution for Lead & Nitrate 5	3Q10	1	ND	110	ND	ND	ND	ND	2.7	ND*
RB-02 Dilution factor for Lead, Nitrate, Sulfate 5	4Q10	ND	ND	120	ND	ND	ND	ND	ND	ND*
RB-03 Dilution factor for Lead, Nitrate and Sulfate 5	4Q10	ND	ND	220	ND	0.013	ND	ND	ND	ND*
RB-02 Dilution factor for Lead, Nitrate and Sulfate 5	1Q11	ND	ND	ND	ND	0.045	ND	ND	ND	ND*
RB-03 Dilution factor for Lead, Nitrate and Sulfate 5	1Q11	5.5	11	ND	ND	0.048	ND	ND	ND	ND*
RB-02 Dilution factor for Lead, Nitrate and Sulfate 5	2Q11	19	ND	ND	0.27	0.033	ND	ND	ND	ND*
RB-03 Dilution factor for Lead, Nitrate and Sulfate 5	2Q11	14	ND	ND	ND	0.038	ND	ND	ND	ND*

Notes:

As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.

Groundwater monitoring wells MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I were abandoned in October 2009.

(1) Sulfate results reported through 4Q06, and starting again in 4Q08, have a dilution factor of 5, except for blank samples or unless otherwise noted.

Sulfate results reported from 1Q07 through 3Q08 have no dilution factor for sulfate unless noted otherwise.

(2) NJ CLASS IIA GWQC, NJ SWQC [FW2] and PQL are for Total Lead

(3) MW-19 area monitoring wells were abandoned in 4Q2009. Therefore, MW-19 area wells have not been sampled for MNA parameters since 1Q10.

MNA monitoring will continue following the installation of the USEPA approved post excavation monitoring well network.

Legend:

NCS: No Criteria Specified by NJDEP

NS = Not Sampled

FS= Samples frozen in transit to lab.

ND = Not Detected

NA = Not Analyzed, due to lack of recharge water

Concentration exceeds NJGWQS

^L Lower Grab Sample

^U Upper Grab Sample

* Total Lead

1.2

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Through 2nd Quarter 2011

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.97	7.23	24	890	2	13.94	NM	160	70
	3Q04	0.1	7.62	-10	1179	2	16.18	<10	200	95
	1Q05	0.2	7.67	100	590	5	11.82	9	241 ⁽¹⁾	121
	2Q05 ^L	1	7.84	NM	734	10	8.6	0.3	30	<10
	2Q05 ^U	1	7.69	NM	760	10	8.46	0.4	29	<10
	3Q05	1	7.03	185	1920	9	15.86	>10	110	60
	4Q05	5.34	6.47	87	1005	4	15.01	>10	110	18
	1Q06	3.53	6.59	-50	978	13	8.72	>10	11	>100
	2Q06	4.92	7.66	-43	905	9	13.98	>10	225	60
	3Q06	0.34	7.08	-24	761	5	16.2	18	100	90
	4Q06	0.08	6.53	-76.7	579	7	15.36	>10	275	70
	1Q07	0.15	6.59	-90.3	444	5	10.38	20	250	35
	2Q07	0.05	6.69	-56	1640	2.5	13.7	>20	100	120
	3Q07	0.1	6.59	-94	1201	2	17.05	>20	200	80
	4Q07	0.2	6.36	5	865	5.1	12.54	>20	225	40
1Q08	0.6	6.4	111.7	214.2	5	8.55	0.1	40	14	
2Q08	0.22	6.12	68.4	1,068	6.66	10.55	>10	125	130	
3Q08	0.16	6.42	-30	1,150	7	13.94	>20	140	50	
MW-19R	4Q10	0.09	7.02	-28.2	1144	9.35	13.34	15	180	17
	1Q11	2.56	6.91	0.5	993	9.94	6.99	0.2	120	14
	2Q11	2.25	6.77	82	1900	6.21	12.57	0.2	200	40
MW-19-5	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	10.16	7.02	41	1550	4	12.89	NM	130	70
	3Q04	1	7.26	87	1740	19	16.3	2	150	60
	1Q05	1	7.94	226	269	9	10.59	0	126 ⁽¹⁾	63
	2Q05 ^L	1	7.94	NM	2640	10	8	0	45	16
	2Q05 ^U	0.8	7.99	NM	2100	38	6.96	0	45	10.5
	3Q05	0.8	7.44	184	920	2	15.15	>10	100	35
	4Q05	1.84	6.27	217	216	10	15.15	0.1	30	11
	1Q06	3.35	6.35	249	512	3	8.17	0	12	>100
	2Q06	6.79	7.50	36	327	5	14.4	0.3	90	27
	3Q06	2.87	7.45	143	406	10	16.38	0	100	22
	4Q06	6.3	7.55	184	347	6	14.49	0.4	145	32
	1Q07	0.16	6.53	14.2	370	4	10.08	1	175	16
	2Q07	0	7.04	-36	539	6.8	14	>20	190	70
	3Q07	0.1	7.09	36	530	5	16.18	1	160	65
	4Q07	1.6	6.17	45	311	3.6	12.59	0.4	130	30
	1Q08	1.83	6.28	108.1	125.5	12	6.14	0.1	35	15
	2Q08	1.48	5.99	6	371	10	10.06	0.2	100	40
	3Q08	0.07	6.76	-23	896	2	14.55	>20	190	30
4Q08	3.29	6.38	76	214	7	15.01	0.2	75	26	
1Q09	3.35	7.27	16	227	7.89	8.64	0.2	60	14	
2Q09	4.67	6.19	-86	383	9	8.52	0.6	70	19	
3Q09	1.1	6.83	137	664	3	14.16	1	70	35	
MW-19-5R	4Q10	0.1	6.84	-98	976	9.7	14.06	>20	250	17
	1Q11	0.16	6.66	55.1	1018	4.59	8.83	15	180	30
	2Q11	2.02	6.47	-54	1322	7.6	11.89	>20	250	70
MW-19-6	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.48	6.86	56	2640	10	15.24	NM	80	33
	3Q04	1	7.43	83	2490	4	16.61	0.4	125	20
	1Q05	1	7.73	241	867	12	11.79	0	204 ⁽¹⁾	41
	2Q05 ^L	1	7.50	NM	1870	27	10.64	0.1	75	15
	2Q05 ^U	1	7.48	NM	1790	2	9.89	1	80	20
	3Q05	1	7.28	191	3030	36	15.2	0.4	70	20
	4Q05	5.39	5.86	307	1550	9	14.76	0	80	10.5
	1Q06	3.71	6.60	237	1116	4	9.93	0	12	>100
	2Q06	6.61	7.53	35	1520	5	13.51	0.2	125	23
	3Q06	4.48	7.44	162	1249	9	16.11	0	100	24
	4Q06	4.7	7.47	207	941	8	15.45	0	70	40
	1Q07	1.16	6.82	69.5	602	8	11.38	0.2	90	16
	2Q07	1	6.69	-35	2720	5.6	14.36	0.1	140	50
	3Q07	0.8	7.16	12	1458	4	17.3	0.6	160	42
	4Q07	2	7.44	51.4	1283	5.9	12.92	0.3	25	17
	1Q08	1	6.52	91.2	854.4	6	10.71	0.4	100	20
	2Q08	3.69	6.71	119.4	1,205	2.4	11.83	0.6	110	35
	3Q08	1.3	6.78	39	2,280	8	15.51	3	140	28
4Q08	2.23	6.8	62	1,550	9	15.15	0.3	155	19	
1Q09	2.5	7.51	48	1152	8.69	10.10	0.4	120	20	

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Through 2nd Quarter 2011

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
	2Q09	2.69	6.46	-39	258	8.65	9.88	0.6	70	25
	3Q09	2.1	7.12	38	1730	9	14.02	1	60	25
MW-19-6R	4Q10	1.5	6.99	19.8	768	8.83	14.06	1	130	11
	1Q11	0.22	6.72	-32	2000	7.85	9.63	2	160	20
	2Q11	3.86	6.62	1	1302	9.5	11.33	1	130	20
MW-19-7	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	5.89	6.82	48	380	6	14.34	NM	95	90
	3Q04	1	6.92	113	4040	2	16.77	1	75	70
	1Q05	0.6	7.16	281	1388	1	11.34	3	200 ⁽¹⁾	63
	2Q05 ^L	0.05	7.82	102	938	25	11.7	15	160	36
	2Q05 ^U	1	7.80	NM	961	49	11.22	15	200	29
	3Q05 ^L	0.8	7.03	90	2670	17	14.76	>10	95	0.8
	3Q05 ^U	1	7.02	185	2460	5	16.02	>10	70	35
	4Q05	1.58	5.98	-44	1434	14	14.85	>10	11	30
	1Q06	1.86	6.20	43	1130	14	10.81	>10	>100	>100
	2Q06	3.87	7.41	-33	1284	9	13.28	>10	170	70
	3Q06	0.6	7.28	33	1254	10	15.8	9	200	50
	4Q06	0.44	7.47	204	970	7	15.23	2	185	70
	1Q07	0.12	6.80	-84.3	518	6	11.52	9	175	23
	2Q07	0	6.98	36	1397	4.5	15.68	2	100	38
	3Q07	0.2	7.05	181	1016	5	17.48	0.2	120	38
	4Q07	0.6	6.48	74.2	2126	5.3	12.7	0.2	70	30
	1Q08	1	6.21	105.4	2023	10	9.48	0.3	45	27
	2Q08	0.24	6.42	0.5	1,892	9.13	11.31	1.5	130	22.5
	3Q08	0.11	6.94	60	980	29	16.78	0.5	150	27
	4Q08	0.23	6.42	50.9	806	9.13	15.77	0.6	130	14
	1Q09	1.33	7.28	53	4350	3.2	9.70	1	120	20
	2Q09	4.24	6.58	-14	5120	28.1	9.00	2	40	18
	3Q09	0.38	7.26	112	2310	8	15.04	0.6	80	21
MW-19-7R	4Q10	0.1	7.07	-28.2	747	9.46	15.01	5	130	11
	1Q11	0.22	6.83	12.5	1521	12	9.1	16	180	25
	2Q11	2.3	6.54	-65	1870	5.24	12.14	14	150	35
MW-19-8	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.98	6.9	-24	2010	10	15.69	NM	125	30
	3Q04	0.4	7.52	48	1093	7	18.29	2	100	19
	1Q05	0.3	7.06	161	177	16	12.92	10	142 ⁽¹⁾	28
	2Q05	0.8	7.92	NM	1510	47	10.82	6	70	19
	3Q05	0	7.07	147	1820	2	18.86	3	80	19
	4Q05	6.74	6.10	330	1460	5	17.19	3	85	20
	1Q11	3.36	6.87	80.1	2162	8.13	8.59	0	130	14
MW-19-9D	1Q04	NS	NS	NS	NS	NS	NS	**	**	**
	2Q04	3.03	7.11	-28	480	63	14.64	**	**	**
	3Q04	0.2	7.40	8	545	35	15.7	**	**	**
	1Q05	1.5	7.14	193	871	267	11.58	**	**	**
	2Q05	0.05	7.91	NM	471	70	12.12	**	**	**
	3Q05	0	7.35	189	552	2	16.4	**	**	**
	4Q05	0.94	5.78	-91	465	1	13.96	**	**	**
MW-19-10	1Q04	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2Q04	3.82	6.78	85	1050	7	13.94	NM	80	25
	3Q04	0.1	7.35	107	1498	11	15.56	1.5	65	20
	1Q05	0.15	7.25	285	1039	28	13.19	2	127 ⁽¹⁾	20
	2Q05 ^L	0.8	7.47	NM	1209	52	12.18	0.4	70	13
	2Q05 ^U	1	7.48	NM	1282	41	11.18	1	75	13
	3Q05	1	7.62	212	1148	18	16.47	0.6	70	13
	4Q05	9.89	6.73	229	1167	39	15.00	1	60	10
MW-19-11	1Q05	1.5	7.01	215	740	8	10.3	0	205 ⁽¹⁾	65
	2Q05 ^L	0.8	7.88	NM	1424	38	12.18	4	110	17
	2Q05 ^U	0.8	7.80	NM	1442	10	12.12	4	90	15
	3Q05	1	7.72	209	1155	77	16.63	1	80	12.5
	4Q05	2.5	6.51	271	1470	10	15.86	0.4	85	15

Table 4
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Through 2nd Quarter 2011

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
	2Q07	2	7.24	137	473	5	18.56	0	110	11
	3Q07	2	7.45	118	463	2	19.2	0	85	0
	4Q07	9	7.55	2.7	439	8.1	9.68	0	110	<10
	1Q08	2	6.72	78.4	197.2	2	7.59	0	40	<10
	2Q08	7.4	7.09	79	386	0.12	13.31	0	110	<10
	3Q08	4.29	7.23	51	369	6	19.58	0	70	12
	4Q08	4.63	6.72	91	500	2	13.64	0.1	110	12
	1Q09	6.47	7.91	72	568	0.5	7.47	0.1	120	<10
	2Q09	9.6	7.59	18	621	7.18	9.29	0	70	6
	3Q09	4.98	7.11	123	464	1	17.23	0	70	13
	4Q09	5.7	7.86	164	507	3	13.16	0	100	15
	1Q10	7.27	7.86	352	207	1	6.65	0	100	20
2Q10	5.20	7.53	42.2	377	9.30	12.22	NM	NM	NM	
3Q10	5.17	6.81	151	423	8.00	18.90	NM	NM	NM	
4Q10	4.46	7.33	-65.2	324	2.89	10.83	0	110	<10	
1Q11	5.30	7.3	47.2	293	5.34	8.30	0	100	10	
2Q11	3.92	7.27	530	419	9.80	14.19	0	100	11	
MW-19-13	4Q10	0.11	6.96	-36.7	704	44.70	14.74	>20	160	18
	1Q11	1.44	6.31	45	734	190.00	9.21	10	40	45
	2Q11	0.14	6.49	-59	976	41.90	12.48	10	150	40
MW-19-14	4Q10	0.14	6.79	-5.5	1054	3.83	12.37	4	200	18
	1Q11	3.41	6.92	33.4	944	8.03	7.37	0.2	190	15
	2Q11	2.35	6.82	126	1810	8.90	12.25	0.1	160	18
MW-19-15	4Q10	1.10	6.94	57.8	647	47.00	14.45	0.2	160	13
	1Q11	3.73	6.58	92.5	1606	15.20	8.64	0.2	150	11
	2Q11	1.52	6.4	26	1202	15.10	12.81	2	100	30
MW-19-16	4Q10	2.68	7.37	44.6	1163	8.81	11.96	0.2	160	11
	1Q11	0.21	6.75	84.7	914	9.15	6.56	0.3	150	11
	2Q11	2.62	6.96	153	1700	9.12	12.80	0	130	18
MW-19-17	4Q10	0.11	7.16	5.5	506	9.46	14.60	7	120	<10
	1Q11	0.17	6.59	-2.2	1332	9.19	10.47	13	110	27
	2Q11	2.24	6.68	5	1720	14.60	13.44	1	130	25
MW-8	3Q08	0.06	7.04	-162	571	20	15.63	>20	260	30
	4Q08	0.23	6.99	-51	175	70	12.91	14	40	<100
	1Q09	0.1	8.08	-198	607	52.3	9.19	>10	125	30
	2Q09	0.1	7.16	12.3	268	39	8.11	>20	160	60
	3Q09	0.07	7.14	-165.1	633	13	13.34	>20	150	30
	4Q09	0.07	8.53	-177	442	28	13.01	>20	100	25
	1Q10	0.04	7.51	-193	417	48.9	8.53	>20	160	16
	2Q10	0.04	7.06	-126.5	440	24.2	10.58	>20	120	13
	3Q10	0.09	7.22	-196	573	24.5	15.50	>20	200	35
	4Q10	0.79	7.53	-153	370	26.2	11.23	20	50	18
	1Q11	0.18	7.02	-139	864	36.2	8.71	20	100	20
2Q11	1.21	7.42	-186	833	23.8	11.51	>20	110	30	

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Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-25R	2Q06	0.47	6.77	-102	620	9	14.74	3.5	75	17
	3Q06	0.97	5.57	90.1	572	229	15.67	5	160	350
	4Q06	0.25	7.14	-41.2	517	24	11.33	1.5	90	100
	1Q07	1.8	6.80	-100.4	636	55	7.15	3	100	150
	2Q07	0.35	6.69	-65.8	453	123	14.38	3.5	40	20
	3Q07	1	6.98	-75.3	355	NM-mtr broke	18.93	0.3	75	15
	4Q07	0.6	7.15	30	616	127	6.81	2	100	110
	1Q08	0.34	7.32	-79	639	47.6	7.87	4.5	150	12.5
	2Q08	0.21	7.20	-80	601	46	10.95	4.5	150	15
	3Q08	0.24	6.55	-110.7	446	19.2	15.71	2.5	160	70
	4Q08	1.66	7.25	22.7	227	5.9	9.6	1	70	<10
	1Q09	0.71	7.22	21.8	383	8	5.00	0.5	120	<10
	2Q09	0.58	7.11	-40	376	8	6.48	2	70	7
	3Q09	0.15	6.77	-64	604	19.3	15.93	3	150	20
	4Q09	0.82	8.11	-44	726	121	10.94	2	70	20
	1Q10	3.1	7.08	-46	455	45.4	3.32	2	90	25
	2Q10	1.29	6.98	-56.2	515	117	11.04	2	50	11
	3Q10	1.62	7.00	-48	666	32.5	17.07	NS	NS	NS
	4Q10	0.75	7.15	-6	617	16	7.75	0.8	70	10
	1Q11	1.18	6.85	-36	668	9.6	6.72	1	100	<10
2Q11	0.81	7.27	-111	841	234	12.01	4	160	50	
MW-27s	2Q06*	1.66	7.74	183	933	>1000	16.65	0	80	<10
	3Q06	0.54	7.72	45	1437	247	19.44	0	200	14
	4Q06	2.36	7.59	134	1275	>1000	16.39	0	<10	20
	1Q07	4	7.15	-10.8	1078	>1000	8.31	NM - sediment	NM - sediment	NM - sediment
	2Q07	8.29	7.09	105.6	765	>1000	15.23	NM - sediment	NM - sediment	NM - sediment
	3Q07	0.4	7.24	27	1017	>1000	17.58	NM - sediment	NM - sediment	NM - sediment
	4Q07	1	7.16	165	1002	997	11.34	NM - sediment	NM - sediment	NM - sediment
	1Q08	1	7.15	71.5	612.7	186	8.41	NM - sediment	NM - sediment	NM - sediment
	2Q08	1	7.18	111.1	735	81.1	11.43	0	22.5	85
	3Q08	3.21	6.21	46	861	184	17.09	0.8	225	135
	4Q08	2.63	6.99	34.4	626	47.2	13.67	NM - ran dry	NM - ran dry	NM - ran dry
	1Q09	1.12	7.35	51.3	522	1000	10.67	0.1	200	20
	2Q09	1.55	8.2	-71	486	62	9.08	0.6	150	15
	3Q09	0.61	7.59	15	675	24.8	15.29	1	250	20
	4Q09	5.12	8.31	-5	1180	108	15.93	NM	NM	NM
	1Q10	3.04	7.82	-84.5	705	107	9.37	0.3	200	20
	2Q10	0.89	7.41	-29.6	669	92	10.28	0.4	70	12
	3Q10	0.54	6.81	-43	1147	>1000	15.98	0.5	70	20
	4Q10	2.8	7.44	-40	1091	349	13.53	NM-ran dry	NM-ran dry	NM-ran dry
	1Q11	2.21	6.82	57.5	568	NM	8.52	0.1	150	18
2Q11	4.07	7.81	-66	948	12.5	13.06	0	150	10	
MW-28s	2Q06	0.11	7.69	-478	687	12	14.38	>10	82	37
	3Q06	0.27	5.96	-101.8	831	14	17.69	>20	180	90
	4Q06	0.04	7.22	-146.8	684	20	15.27	>20	200	55
	1Q07	2.1	6.74	-176.2	650	12	9.75	>20	160	22
	2Q07	0.48	7.01	-138.3	568	36	15.36	>20	180	35
	3Q07	0.1	7.1	-132.1	576	9.6	16.99	>20	180	50
	4Q07	0.2	6.86	-120.4	634	7.03	11.97	>20	170	22
	1Q08	0.11	7.3	-169	492	11.3	9.22	15	130	20
	2Q08	0.19	6.57	-52.4	508	9.13	12.25	>10	140	35
	3Q08	0.29	6.91	-65.1	390	9.54	15.33	>20	200	35
	3Q08	1	6.8	-92	494	339	16.5	NM	NM	NM
	4Q08	0.05	6.94	-81.5	395	7.96	13.88	>20	170	<100
	1Q09	0.18	7.59	-15.3	466	9.86	9.63	>20	115	22
	2Q09	0.06	6.75	-76.6	392	9	9.26	>20	150	40
	3Q09	0.06	6.93	-114.2	899	9.66	14.81	>20	160	40
	4Q09	0.4	8.52	-143	830	6	13.25	>20	70	20
	1Q10	0.09	7.00	-132.9	502	9.6	8.71	20	35	16
	2Q10	0.06	6.99	-109.4	324	9.6	11.41	14	100	13
	3Q10	0.07	7.18	-153	658	9	15.50	>20	100	18
	4Q10	1.26	7.21	-149	821	9.1	12.43	20	100	25
1Q11	0.11	6.94	-136	778	9.8	9.26	>20	70	30	
2Q11	2.11	7.18	-206	510	5.6	12.88	12	110	20	

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MW-28i	2Q06	0.23	7.88	-126	756	8	15	>10	135	28
	3Q06	0.51	7.59	-98	649	14	16.42	18	90	27
	4Q06	0.04	7.37	-146.7	598	13	14.82	>20	150	25
	1Q07	0.2	6.80	-173.3	686	4.9	10.7	>20	140	23
	2Q07	0.18	7.07	-170	507	17	14.9	>20	145	24
	3Q07	0.1	7.15	-104.7	536	5.7	16.19	>20	170	30
	4Q07	0.26	6.59	-58.2	677	7.44	11.96	>20	160	20
	1Q08	0.01	6.81	-100.2	400.2	6	10.31	12	135	20
	2Q08	0.2	6.65	-4.8	593	7.75	12.99	>10	170	35
	3Q08	0.21	7.34	-136	530	10	14.94	>20	170	23
	4Q08	0.04	7.28	-68	442	8.81	14.23	>20	160	<100
	1Q09	0.13	7.07	-34	548	7.67	11.19	>20	150	25
	2Q09	0.05	6.35	-29.1	407	20	9.97	>20	100	60
	3Q09	0.52	7.88	-96	1007	4	13.70	20	50	50
	4Q09	0.13	8.43	-146	828	26	13.21	20	70	18
	1Q10	0.08	7.07	145.2	664	7.87	10.00	16	30	15
	2Q10	0.06	7.02	-112.1	372	9.8	12.06	12	70	14
	3Q10	0.08	7.25	-149	681	9.5	14.38	16	100	20
	4Q10	1.53	7.23	-151	849	7.38	12.79	>20	130	25
	1Q11	0.18	6.96	-134	793	9.17	10.53	>20	140	16
	2Q11	0.44	7.32	-206	528	6.8	13.65	9	120	20
MW-29s	2Q06	3.63	7.32	-32	1021	68	18.45	>10	260	95
	3Q06	0.36	6.73	-109.8	1090	10	20.63	18	310	80
	4Q06	0.05	6.85	-97.9	775	11	17.04	>10	350	65
	1Q07	0.7	6.53	-163.9	902	5.6	8.77	18	240	30
	2Q07	4.03	6.71	-113.8	766	31	18.48	>10	225	25
	3Q07	0.7	6.66	-13.9	881	9.84	21.12	>20	325	100
	4Q07	0.2	7.12	-35	960	8	13.51	>20	285	75
	1Q08	0.21	7.02	-94	1027	9.92	7.87	>10	290	22
	2Q08	0.27	6.89	31.2	935	5.9	12.22	>20	250	70
	3Q08	0.08	6.61	-79.7	456	8.09	20.04	>10	300	130
	4Q08	0.09	6.91	-127	798	6	17.6	>20	250	36
	1Q09	1.14	6.72	62.8	564	6.78	9.00	20	200	50
	2Q09	0.05	7.09	-89.7	578	8	9.13	>20	350	70
	3Q09	0.07	6.47	-115.1	922	9.51	17.91	>20	250	80
	4Q09	0.21	7.85	-99	837	4	16.00	>20	220	90
	1Q10	0.1	7.08	-74	596	7.3	7.50	NM	70	35
	2Q10	0.11	6.70	-98.5	728	8.33	10.64	>20	100	50
	3Q10	0.12	6.69	-156	1008	9.8	18.57	>20	100	35
	4Q10	0.12	7.15	-129	935	3.1	12.40	10	100	25
	1Q11	0.36	6.65	-94	912	8.8	5.45	10	50	25
	2Q11	1.01	6.77	-129	1090	1.1	13.42	18	100	35
MW-30s	2Q06	0.14	6.76	-180	672	34	16.81	>10	78	14
	3Q06	0.39	5.66	73.1	704	155	18.9	18	60	250
	4Q06	0.01	7.09	-146.1	627	94	13.46	>20	200	60
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.34	6.99	-159.4	458	213	18.55	>20	225	40
	3Q07	0.3	7.05	-128.7	696	100	19.15	>20	230	37
	4Q07	0.8	7.45	-50	871	67	7.74	>20	200	43
	1Q08	0.12	7.32	-158	825	113	4.85	>20	NM - sediment	NM - sediment
	2Q08	0.2	7.49	-47.6	484	9.42	11.43	18	160	22.5
	3Q08	0.03	6.93	-128.1	378	11.2	19.06	>10	200	70
	4Q08	0.05	6.66	-2.3	468	9.65	12.93	>20	50	20
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.17	6.94	-238	956	9.47	7.67	+20	80	40
	3Q09	0.06	6.93	-118.2	724	9.5	18.26	>20	225	50
	4Q09	0.14	8.57	-151	906	9	12.18	>20	70	25
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q10	1.45	6.92	-91.1	633	18	10.23	>20	100	30
	3Q10	0.1	7.00	-149	866	24.9	17.85	>20	100	25
	4Q10	0.85	7.19	-140	854	8.35	8.89	12	70	20
	1Q11	0.08	7.17	-81.3	599	9.71	7.8	13	180	30
	2Q11	0.56	7.38	-185	916	40.2	14.82	18	180	35

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MW-30i	2Q06	0.33	7.70	-194	687	8	15.22	5.5	75	19
	3Q06	0.43	7.52	-63	777	9	17.13	18	180	32
	4Q06	0.2	7.16	-144.2	827	42	14.2	>10	>1000	45
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.33	6.99	-146.8	486	41	15.23	>20	145	25
	3Q07	0.4	7.08	-19.8	661	NM-mtr broke	17.07	>20	200	29
	4Q07	1	7.39	-15	889	136	8.28	>20	200	24
	1Q08	0.13	6.7	-149	784	9.98	8.55	>20	150	18
	2Q08	0.08	7.29	-142	581	21	12.28	16	140	26
	3Q08	0.04	73.11	-136.0	552	8.56	16.62	>10	180	50
	4Q08	0.3	7.43	-133	715	6	13.57	>20	165	27
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.32	6.73	-222	930	5.7	8.75	20	50	32
	3Q09	0.05	7.06	-143.2	682	9.62	15.86	18	180	50
	4Q09	0.1	8.46	-148	878	20	12.95	14	100	18
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q10	0.07	7.06	-120.9	605	7.31	9.61	14	70	22
	3Q10	0.33	7.1	-160	806	21	15.55	16	70	20
	4Q10	1.08	7.49	-140	893	9.8	10.82	14	70	16
	1Q11	0.1	7.19	-12	620	7.88	9.18	15	140	25
	2Q11	0.88	6.99	-176	846	42.7	12.93	12	150	35
MW-30d	2Q06	0.3	5.35	-131	449	10	14.45	2	100	30
	3Q06	2.49	7	-44	458	15	15.07	2.5	70	70
	4Q06	0.18	7.29	-99	637	33	13.39	5	130	17
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.38	7.03	-95.7	340	69	14.51	3.5	115	12
	3Q07	0.8	7.24	22.6	401	NM-mtr broke	14.73	3	130	13
	4Q07	0.1	7.05	128	500	80	10.02	0.4	100	<10
	1Q08	0.45	6.8	1	487	16.3	9.19	1.5	130	<10
	2Q08	0.32	7.24	-62	504	18	12.87	2	125	14
	3Q08	0.2	7.3	-112.3	328	9.41	15.26	2.5	115	14
	4Q08	0.19	7.48	-114	532	12	12.59	6	125	13
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.18	7.03	-197	608	14	10.87	3	80	13
	3Q09	0.22	7.19	-110	450	14.5	13.79	2	130	13
	4Q09	0.18	8.68	-119	635	9	12.61	2	50	11
	1Q10	0.2	7.25	-87	508	9.2	10.25	2	150	11
	2Q10	0.24	7.17	-56.3	377	23.2	10.87	2	40	10
	3Q10	7.8	7.41	-65	492	51	13.2	1	40	20
	4Q10	6.18	7.69	-89	758	7.27	12.2	3	50	12
	1Q11	0.25	5.48	108	584	8.71	11.9	2	100	50
	2Q11	8.11	7.33	-53	540	31.2	12.79	0.4	110	12
MW-31s	2Q08	0.51	12.47	-192	1,499	>1000	15.74	1	225	0
	3Q08	0.97	6.54	-27	2,130	381	21.79	4.5	1000	400
	4Q08	0.16	8.13	34.7	488	7.64	12.99	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.43	10.98	71	567	15	5.45	0.1	200	0
	2Q09	0.16	8.68	-127.6	540	28	6.61	0.4	225	18
	3Q09	0.24	10.67	-144.1	795	6.22	18.68	0.5	170	NM-No Water
	4Q09	0.54	9.03	-72	1019	37	13.41	>20	100	NM-No Water
	1Q10	2.26	11.57	-148	670	79.4	4.42	0	140	0
	2Q10	1.65	11.26	-116.6	905	3.98	10.38	0	200	0
	3Q10	0.38	8.86	-272	900	>1000	18.80	NM-No Water	NM-No Water	NM-No Water
	4Q10	0.65	7.46	13.7	959	3.91	9.10	6	125	16
	1Q11	0.37	9.48	32	497	2.77	5.37	7	90	0
2Q11	3	9.7	-211	922	15.2	12.43	0.2	140	0	
MW-32s	2Q08	0.33	6.9	-86	1,105	109	12.11	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.07	6.47	-149.6	1,169	15.9	22.56	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.41	6.68	-20.4	799	14	14.72	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.32	6.94	42.1	665	8	5.60	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.29	6.61	-132.8	659	12	6.62	>20	250	80
	3Q09	0.19	6.63	-111.4	952	5.17	18.70	>20	500	100
	4Q09	0.3	7.77	-53	1276	169	13.04	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.45	6.68	-82	687	10.3	3.89	>20	200	30
	2Q10	0.27	6.64	-106.0	825	5.38	10.50	>20	200	30
	3Q10	0.56	6.37	-134.0	974	221	19.23	NM-No Water	NM-No Water	NM-No Water
	4Q10	0.32	6.99	-85.7	837	17.7	8.63	>20	225	35
	1Q11	0.45	6.92	8.6	734	8.4	5.30	>20	250	35
2Q11	3.23	6.77	-153.0	1230	12.2	12.92	12	350	70	

Table 4
Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring - MNA Field Data

Through 2nd Quarter 2011

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-33s	2Q08	0.77	7.29	-74	650	682	12.98	18	180	70
	3Q08	2.55	6.06	NM	616	148	26.4	>20	310	200
	4Q08	0.21	6.44	5.7	607	14	13.1	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.37	5.2	168.5	567	38	5.29	>20	225	60
	2Q09	0.61	6.79	-39.4	577	38.6	5.86	>20	350	80
	3Q09	0.18	6.56	-82.7	1226	16.9	17.63	>20	500	150
	4Q09	2.96	7.79	-46	1381	314	14.13	>20	400	35
	1Q10	0.93	6.79	-96.7	776	52.3	4.20	>20	300	25
	2Q10	3.19	6.69	-82.1	1055	32.9	9.50	>20	300	50
	3Q10	0.16	6.36	-80	910	30.9	18.66	NM-No Water	NM-No Water	NM-No Water
	4Q10	0.95	7.01	86.5	735	33.6	9.29	10	250	30
	1Q11	1.01	7.04	13.8	609	28.1	5.28	9	225	35
2Q11	2.44	6.98	-121	1130	29.7	11.97	16	350	70	
MW-34s	2Q08	0.51	7.01	-111	794	7	14.84	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.15	6.4	-136.3	1240	12.1	20.19	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.48	6.62	50.7	686	13.5	14.83	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.27	7.33	23.9	557	9	5.90	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.44	7.32	-82.5	488	10	6.57	8	300	30
	3Q09	0.36	6.51	-89	761	6.08	17.40	NM-No Water	NM-No Water	NM-No Water
	4Q09	2.72	7.66	-30	966	31	13.15	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.53	6.74	-58	500	13.1	4.31	20	70	20
	2Q10	0.39	6.58	-74.5	576	26.7	9.57	>20	250	35
	3Q10	1.00	6.16	-70	701	32.7	18.57	NM-No Water	NM-No Water	NM-No Water
	4Q10	0.42	6.87	-6.4	672	5.38	8.97	0.2	120	16
	1Q11	0.86	6.64	13.2	522	4.87	5.43	0.1	160	16
2Q11	3.20	6.76	-131	957	1	12.35	7	300	50	
MW-35s	2Q08	0.37	6.78	-56	917	>1000	11.51	>20	310	70
	3Q08	1.5	6.35	-55	736	65	19.23	>20	260	50
	4Q08	1.35	6.87	-30.2	848	38.5	14.18	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.15	7.28	3.3	607	59	5.81	>20	225	30
	2Q09	0.21	7.36	-121.9	683	53	6.40	>20	300	30
	3Q09	0.2	6.65	-108.2	896	22.2	17.49	>20	275	80
	4Q09	3.69	8.14	-56	1109	29	13.15	>20	350	30
	1Q10	0.4	6.72	-72	556	141	4.09	>20	200	25
	2Q10	0.24	6.48	-59.5	710	46.5	10.45	>20	250	30
	3Q10	0.22	6.51	-93	1006	840	18.58	NM-No Water	NM-No Water	NM-No Water
	4Q10	0.37	6.85	-59.8	557	27.1	8.72	>20	200	22
	1Q11	0.73	6.71	15.3	542	11.4	5.71	>20	160	25
2Q11	3.9	6.58	-61	1050	30.4	12.91	>20	160	50	

Notes:

As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.

Groundwater monitoring wells MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I were abandoned in October 2009.

** Additional field MNA parameters not required for MW-19-9D.

⁽¹⁾ Laboratory analyzed for alkalinity due to destroyed field kits.

NS = Not Sampled

NM = Not Measured

^L Lower Grab Sample

^U Upper Grab Sample

* Well was not stabilized due to well going dry.

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	1.5	0.95				
SW-D-1												
*	8-Apr-05	2Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	J	0.2	<	0.6	J	11.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		7.3
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.9	<	1.2
Dilution factor for DEHP 1.03	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.33	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.3
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		12
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		51
	19-Apr-10	2Q10	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5		15
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	7-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5		1
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.99
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-D-2												
	8-Apr-05	2Q05		NS		NS		NS		NS		NS
	26-Jul-05	3Q05	<	0.2	J	0.5	<	0.2		6.1		38
	26-Oct-05	4Q05	<	0.2	J	0.6	<	0.2	J	2.0	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.8	<	0.2	J	2.7		27
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	19-Jun-06	2Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		11
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.5
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.4	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		7.1
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6		13
Dilution factor for DEHP 5	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		230
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95	0.95	0.95	
	6-Apr-09	2Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	4.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	10-Nov-09	4Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J	5.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		18
	19-Apr-10	2Q10	<	0.5		0.75	<	0.5		1.6	<	0.95
	19-Apr-10	2Q10D	<	0.5		0.78	<	0.5		1.7	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5		23
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	7-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5		4
	12-Jul-10	4Q10D	<	0.5	<	0.5	<	0.5	<	1.5		5
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5		1.8
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11D	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-D-3												
	8-Apr-05	2Q05	<	0.2		21	<	0.2		79	J	2.0
	26-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	J	1.1	J	7.0
	26-Oct-05	4Q05	<	0.2	J	0.4	<	0.2	J	1.4	<	1.0
	27-Feb-06	1Q06	<	0.2		1.1	<	0.2		3.9	J	6.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	11-Sep-06	3Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	3.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.6
Dilution factor for DEHP 1.1	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		3.8	<	1.0
	18-Feb-08	1Q08D	<	1.0	<	1.0	<	5.0		3.8	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		14
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		3
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5		2.3
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	7-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5		1.3
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5		1.0
SW-D-4												
	20-Jun-06	2Q06	<	0.2	<	0.2	J	0.4	<	0.6	J	3.0

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95			
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	J	0.4	<	0.2	J	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0		2	<	5.0		3.8		3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1
	4-Dec-07	4Q07	<	1.0		1.4	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.08	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.1	<	1.1
Dilution factor for DEHP 1.08	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		9.2
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9		21	<	0.8		20		29
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	20-Jul-09	3Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
Dilution factor for DEHP 2	13-Feb-10	1Q10	<	0.5		0.96	<	0.5	<	1.5		150
	13-Feb-10	1Q10D	<	0.5		0.91	<	0.5	<	1.5		43
	19-Apr-10	2Q10	<	0.5		15	<	0.5	<	48	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5		24
	23-Aug-10	3Q10D	<	0.5	<	0.5	<	0.5	<	1.5		17
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	9-Sep-10	3Q10D ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5		2
	14-Mar-11	1Q11	<	0.5		2	<	0.5		4.4	<	0.98
	14-Mar-11	1Q11D	<	0.5		2.1	<	0.5		4.6	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5		1.1
SW-D-5												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	10
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	0.8	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.4
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.1	3-Dec-07	4Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.03	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	J	4.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		0.59	<	0.5	<	1.5	<	0.94
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5		4.6
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95			
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.5	<	0.2	J	1.9	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.98
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-1												
	20-Apr-05 ⁽¹⁾	2Q05	<	0.2		17	J	0.8		99	J	2.0
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.3	<	0.2	J	1.4	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	1.1	<	1.0
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.3
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0		1.2	<	5.0		5.9	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		0.55	<	0.5		2.8	<	0.95
	19-Apr-10	2Q10	<	0.5		0.64	<	0.5		2.5	<	0.95

Table 5
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Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95			
	23-Aug-10	3Q10	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.50	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
	14-Mar-11	1Q11	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.50	<	0.5	<	1.5	<	0.95
SW-R-2												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	J	0.5	<	0.2	J	2.3	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06D	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.7
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.14	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5		0.5	<	0.5		2	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.96
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-3												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0		3
	25-Jun-07	2Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.9

Table 5
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Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	1.5	0.95				
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
Dilution factor for DEHP 10	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		150
	21-Jul-08	3Q08R		NA		NA		NA		NA		26
	15-Aug-08	3Q08 ⁽²⁾	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	15-Aug-08	3Q08 ⁽³⁾	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-08	4Q08D	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	12-Jan-09	1Q09D	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-4												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		19
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii ⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95			
	6-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-May-11	2q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-5												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
SW-R-6												
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.14	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.11	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.99
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
	7-Dec-10	4Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
	14-Mar-11	1Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95

Table 5
DAYCO CORPORATION/L.E. CARPENTER SUPERFUND SITE
Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 2nd QUARTER 2011

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii⁽⁴⁾			0.5	0.5	0.5	0.5	0.5	1.5	0.95			
	23-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
RINSE BLANK												
RB-01	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
RB-01	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
RB-01	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0
RB-01	19-Apr-10	2Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0
RB-01	23-Aug-10	3Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0
	9-Sep-10	3Q10 ⁽⁵⁾	<	0.5	<	0.5	<	0.5	<	1.5		NS
RB-01	9-Dec-10	4Q10										
RB-01	17-Mar-11	1Q11	<	0.5	<	0.5		0.5	<	1.5		16
RB-01	25-May-11	2Q11	<	0.5	<	0.5	<	0.5	<	1.5	<	1.00

LEGEND

NA = Not Applicable

NS = Not Sampled

D = Duplicate sample

R = Sample was re-run by the laboratory

B: Analyte also detected in blank

J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

Concentration exceeds NJSWQS (SW-R-6 concentrations)

38

ug/L = micrograms per liter

Surface Water Quality Standard Reference: N.J.A.C 7:9B October 2006.

(Dover) - Washington Pond outlet downstream to Rt. 46 bridge Cat 1 FW2-TM(C1)

NOTES

* = Detection limit is elevated due to interference from other parameter detections. Laboratory will be contacted to lower benzene detection limit to be below the NJSWQS.

⁽¹⁾ One surface water sample was collected near the edge of the river immediately adjacent to the location of absorbent booms that were placed in order to prevent any migration into the river of sheen observed on top of quiescent water ponded within the wetland area. Due to bottle mislabeling and laboratory error, each of the five river sample bottles (R-1 through R-5) were analyzed individually instead of as a whole set. The highest concentration detected in any of the five laboratory results for the river sample are listed under SW-R-1 for April 2005.

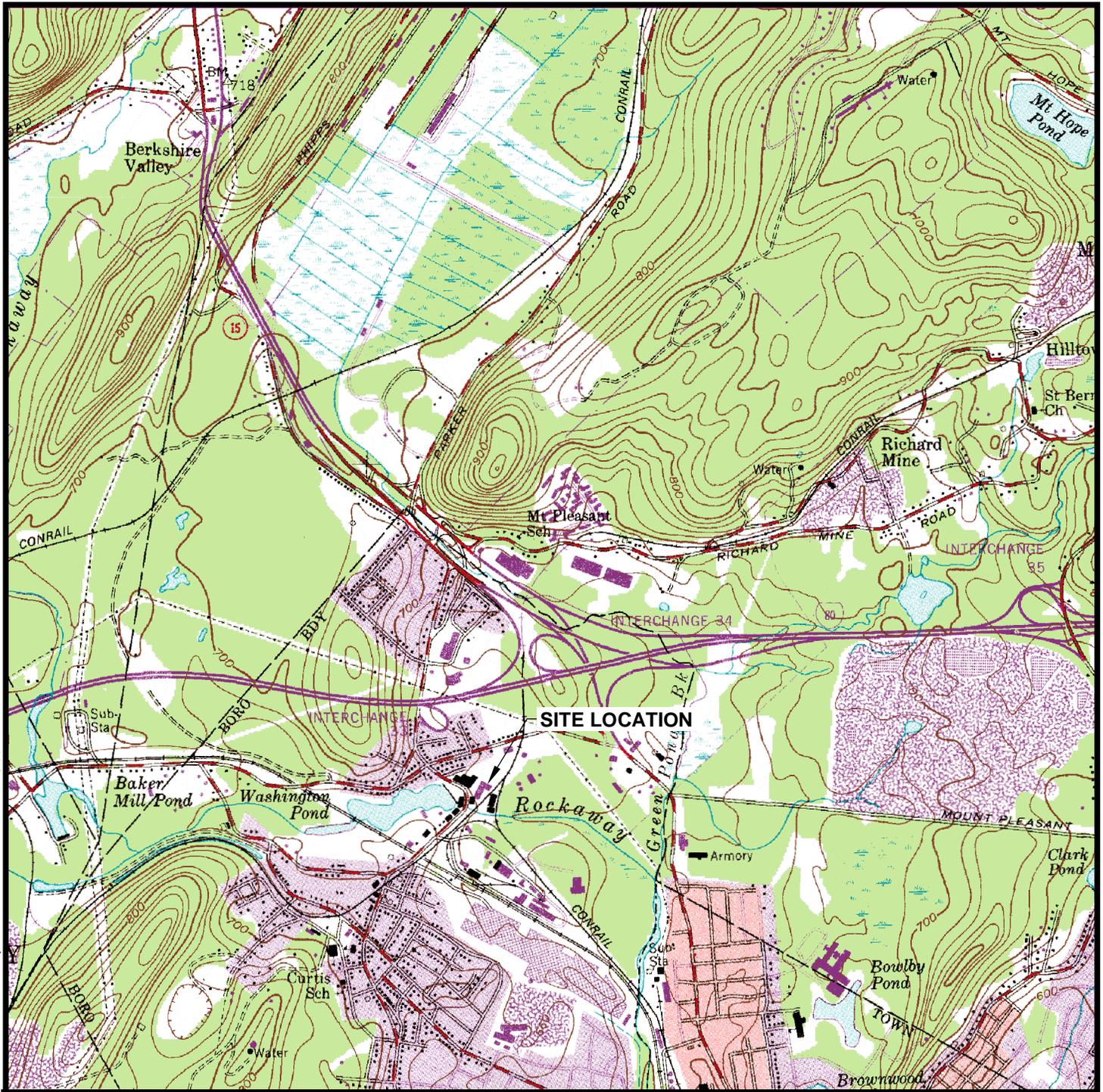
⁽²⁾ Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample aliquot was split between two labs. These results are from Environmental Science Corporation (ESC).

⁽³⁾ Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample aliquot was split between two labs. These results are from Lancaster Laboratories (Lancaster).

⁽⁴⁾ Per NJDEP request, along with a change in laboratories, the detection limits for the Site COCs were lowered.

⁽⁵⁾ Due to laboratory error, original BTEX samples were analyzed outside the holding time. Surface water locations were resampled and analyzed within the appropriate holding times.

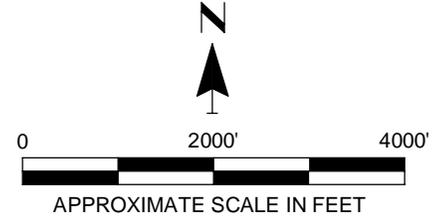
Figures



PLOT DATA:
 Drawing Name: SIEWERT, DENNIS
 Operator Name: SIEWERT, DENNIS
 Drawing Plot Scale: 0.000500
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 Plot Date: July 15, 2011
 Plot Time: 10:18 AM
 Attached Xrefs: Dover New Jersey - RMT Logostrip (CLR)
 Attached Images: Site Location Map (1)
 Layout:

SOURCE

BASE MAP DEVELOPED FROM THE DOVER, NEW JERSEY 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP, DATED 1954, PHOTOREVISED 1981.



K:\VACAD\RMT Titleblocks\RMT Logostrip (CLR).jpg

3754 Rancho Drive
 Ann Arbor, MI 48108-2237
 Phone: 734-971-7080 • Fax: 734-971-9022

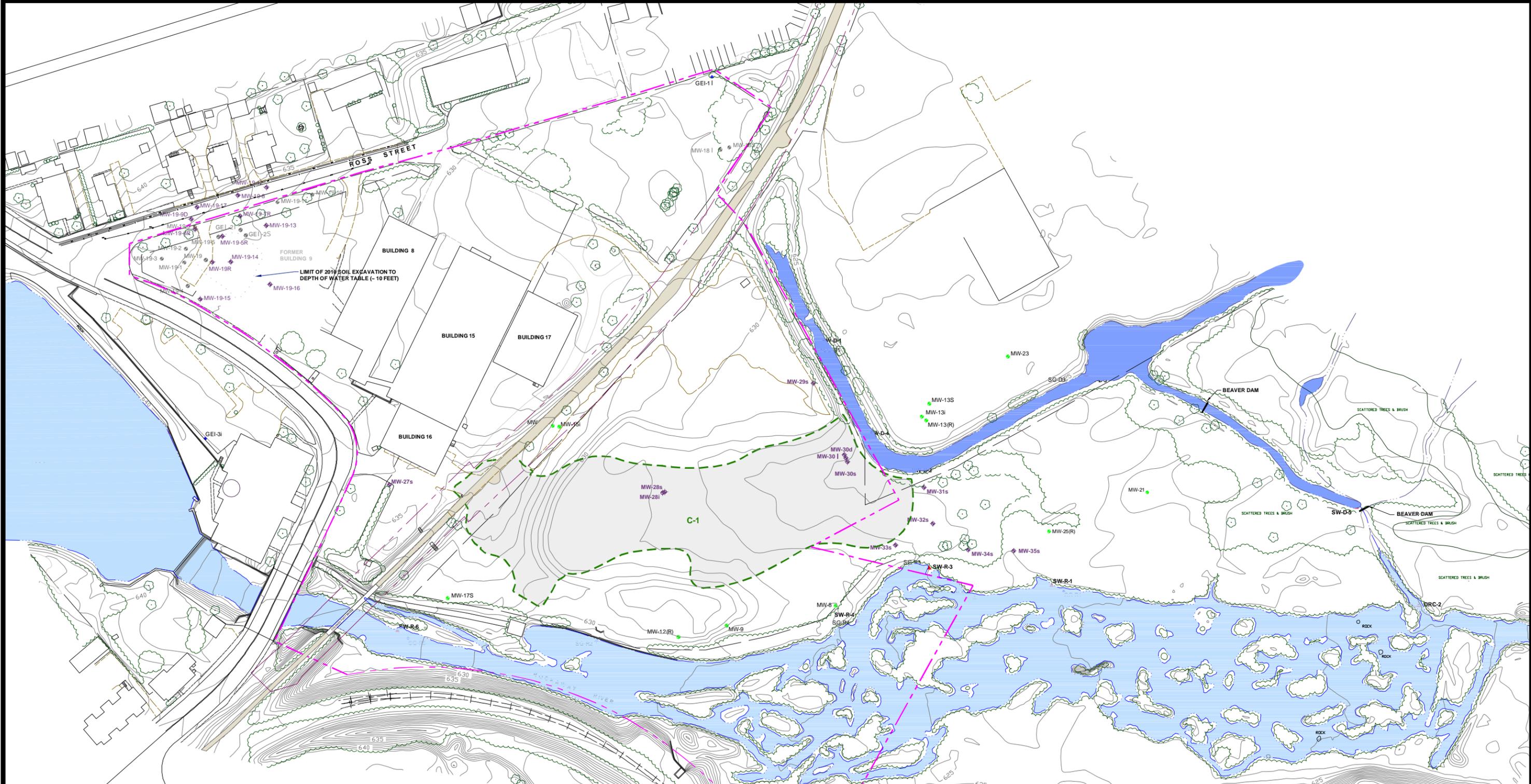
**DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE
 WHARTON, NEW JERSEY**

SITE LOCATION MAP 2nd QUARTER 2011

DRAWN BY:	SJL
CHECKED BY:	JDJ
APPROVED BY:	JDJ
DRAWING SCALE:	SHOWN
PROJECT NUMBER:	V:\CADD\AA\01545\46
FILE NUMBER:	01545.46.01.dwg
DATE:	July 2011

FIGURE 1

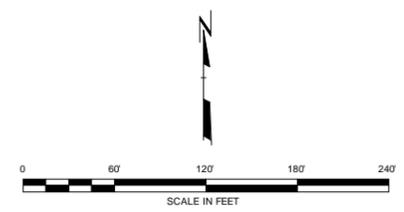
RMT COMPUTER AIDED DESIGN AND DRAFTING



Date: 02/11/11
 Drawn By: SEWERT, DENNIS
 Check: 10/28/11
 Plot Date: 10/28/11
 Plot Time: 10:28 AM
 Drawing File Name: 140

- | | |
|---|---|
| <ul style="list-style-type: none"> --- APPROXIMATE PROPERTY LINE -x- FENCE LINE --- TREES 630 --- POST-REMEDATION GROUND SURFACE ELEVATIONS MW-19-1 --- ABANDONED MONITORING WELL LOCATION AND NUMBER MW-25(R) --- GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep) MW-29s --- PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep) --- LIMIT OF 2010 SOIL EXCAVATION TO DEPTH OF WATER TABLE (-10 FEET) | <ul style="list-style-type: none"> C-1 --- OUTLINE OF 2005 SOURCE REDUCTION AREA AND SUBSURFACE SLURRY MONOLITH SW-R-1 --- SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER) SG-R1 --- RIVER POINT SURFACE WATER ELEVATION SG-D1 --- DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION GEI-2 --- PIEZOMETER LOCATION |
|---|---|

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314807REV.DWG).
2. FORMER BUILDING OPERATIONS
 - BUILDING 8: LAMINATION
 - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
3. MW-19 HOT SPOT ONE WELL ABANDONMENTS OCCURRED ON OCTOBER 13 - 15, 2009.



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NO.	BY	DATE	REVISION	APPD.	

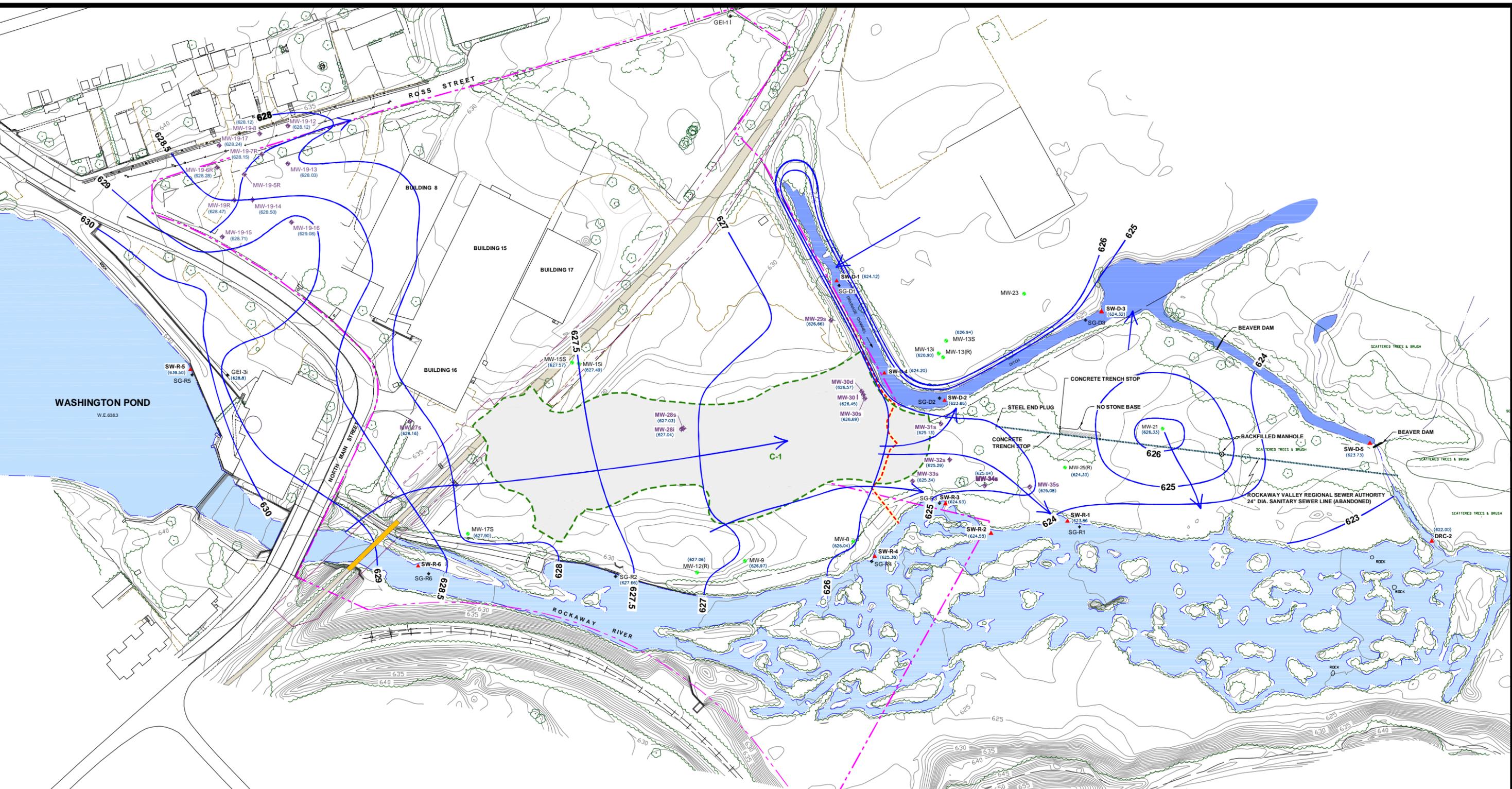
**DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY**

SITE PLAN WITH WELL LOCATIONS [2Q11]

DRAWN BY:	S.J.L.	DRAWING SCALE:	PROJECT NO. 01545.46.02
CHECKED BY:	SP	AS INDICATED	FILE NO. 01545.46.02.dwg
APPROVED BY:	JJD	DATE PRINTED:	FIGURE 2
DATE:	July 2011		

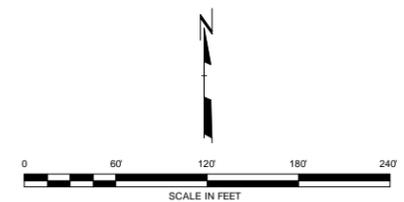
3754 Rancho Drive
 Ann Arbor, Michigan 48106-2771
 Phone: 734-971-7080
 Fax: 734-971-9022

0.88 Mb
 V:\CAD\AM1015401546\01546.dwg
 Operator Name: STEWART, DENNIS
 Plot Date: April 2009
 Plot Time: 11:29 AM
 Drawing Plot Scale:
 Layout: Well Location Map 03
 RMT COMPUTER AIDED DESIGN AND DRAFTING



LEGEND		C-1	
	APPROXIMATE PROPERTY LINE		OUTLINE OF 2005 SOURCE REDUCTION AREA AND SUBSURFACE SLURRY MONOLITH
	FENCE LINE		GROUND WATER ELEVATION (627.04)
	TREES		SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
	POST-REMEDIATION GROUND SURFACE ELEVATIONS		APPROXIMATE GROUNDWATER FLOW DIRECTION
	GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)		WESTERN BOUNDARY OF REGULATED WETLAND
	PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)		RIVER POINT SURFACE WATER ELEVATION
	SURFACE WATER SAMPLING LOCATION (D = DITCH, R = RIVER)		DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
			PIEZOMETER LOCATION

- NOTES**
- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS. DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314807REV.DWG).
 - FORMER BUILDING OPERATIONS
 - BUILDING 8: LAMINATION
 - BUILDING 15 AND 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
 - AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

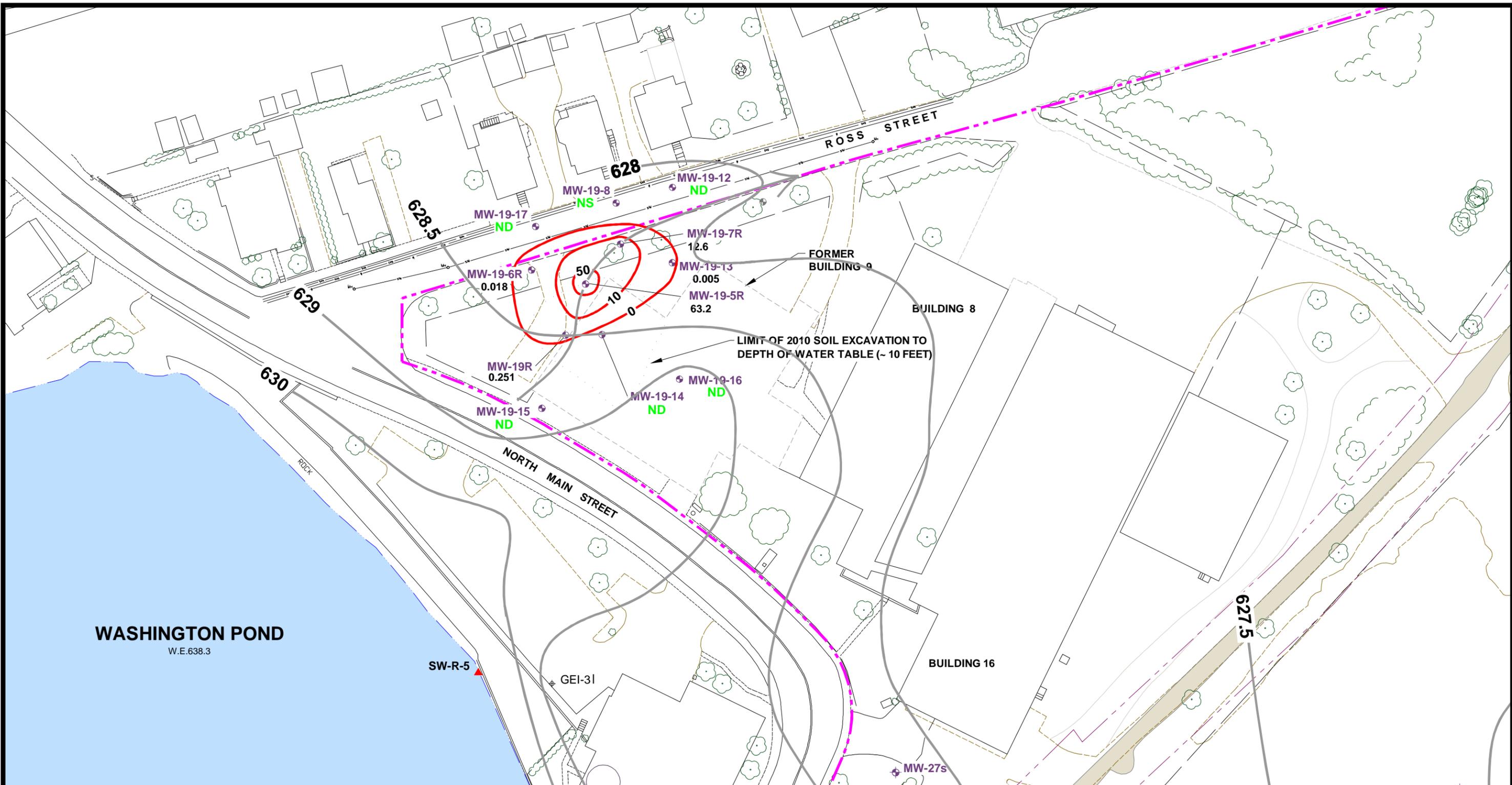


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NO.	BY	DATE	REVISION	APPD.
DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE WHARTON, NEW JERSEY SITE-WIDE SHALLOW AQUIFER GROUNDWATER CONTOUR MAP [2Q11]				
DRAWN BY:	S.J.L.	DRAWING SCALE:	PROJECT NO.	01545.46.03
CHECKED BY:	SP	AS INDICATED	FILE NO.	01545.46.03.dwg
APPROVED BY:	JJD	DATE PRINTED:	FIGURE 3	
DATE:	July 2011			
		3754 Rancho Drive Ann Arbor, Michigan 48106-2771 Phone: 734-971-7000 Fax: 734-971-9022		

RMT COMPUTER AIDED DESIGN AND DRAFTING

LAYOUT: MW-30.bloomers4

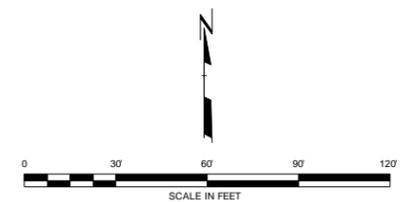
Drawing Name: 01545.46.dwg
Operator Name: SEWERY, DENNIS
Date: April 2009
Plot Time: 11:32 AM
Scale: 1:40



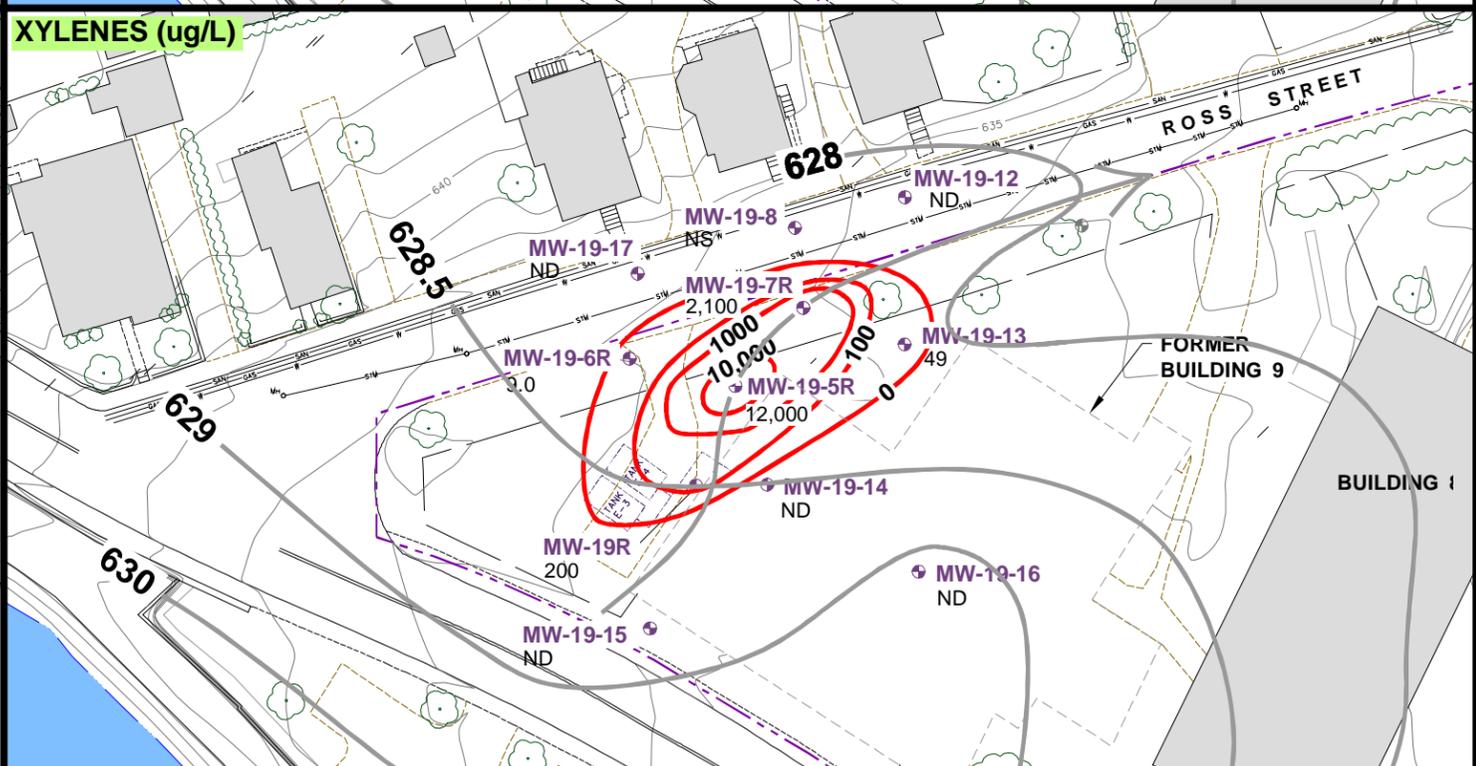
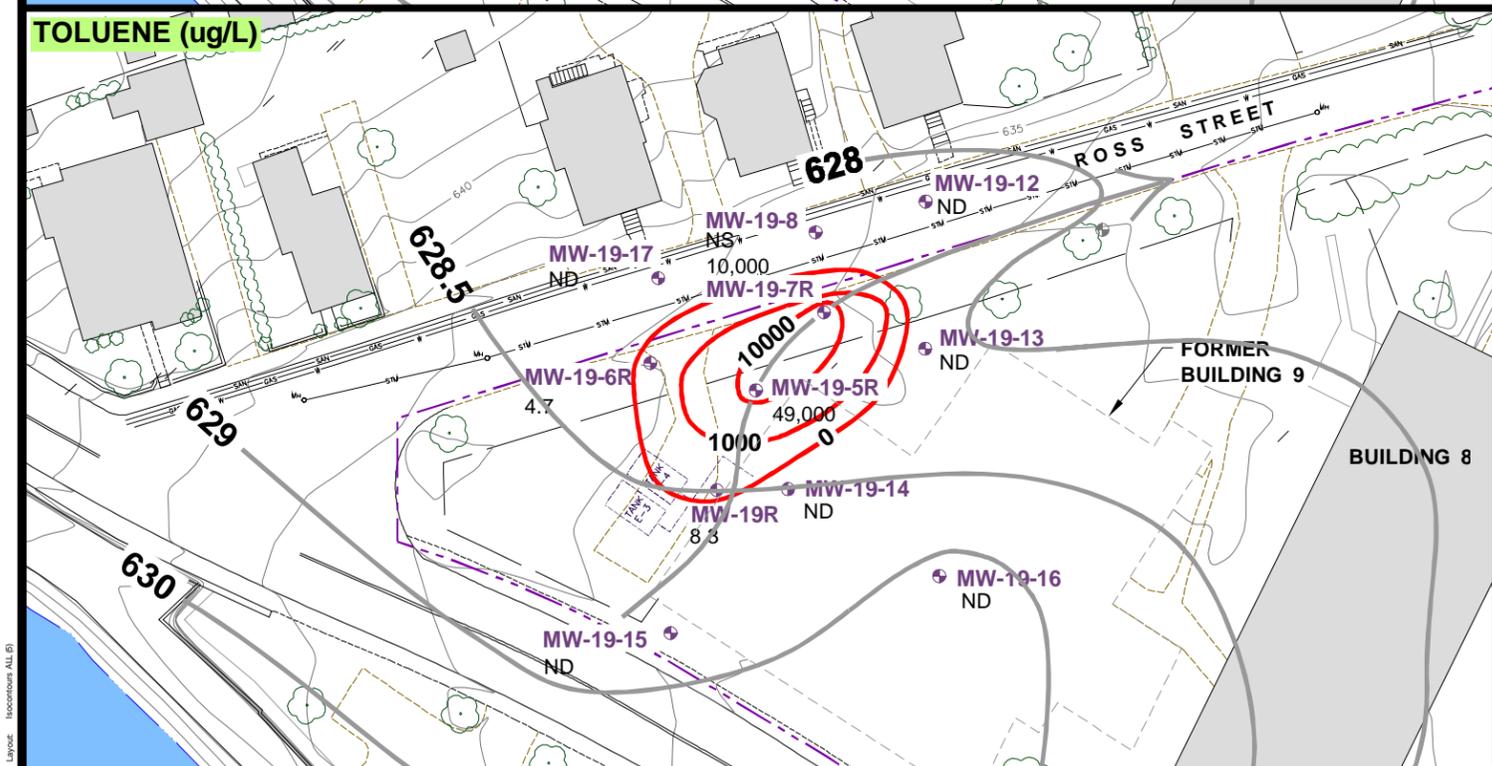
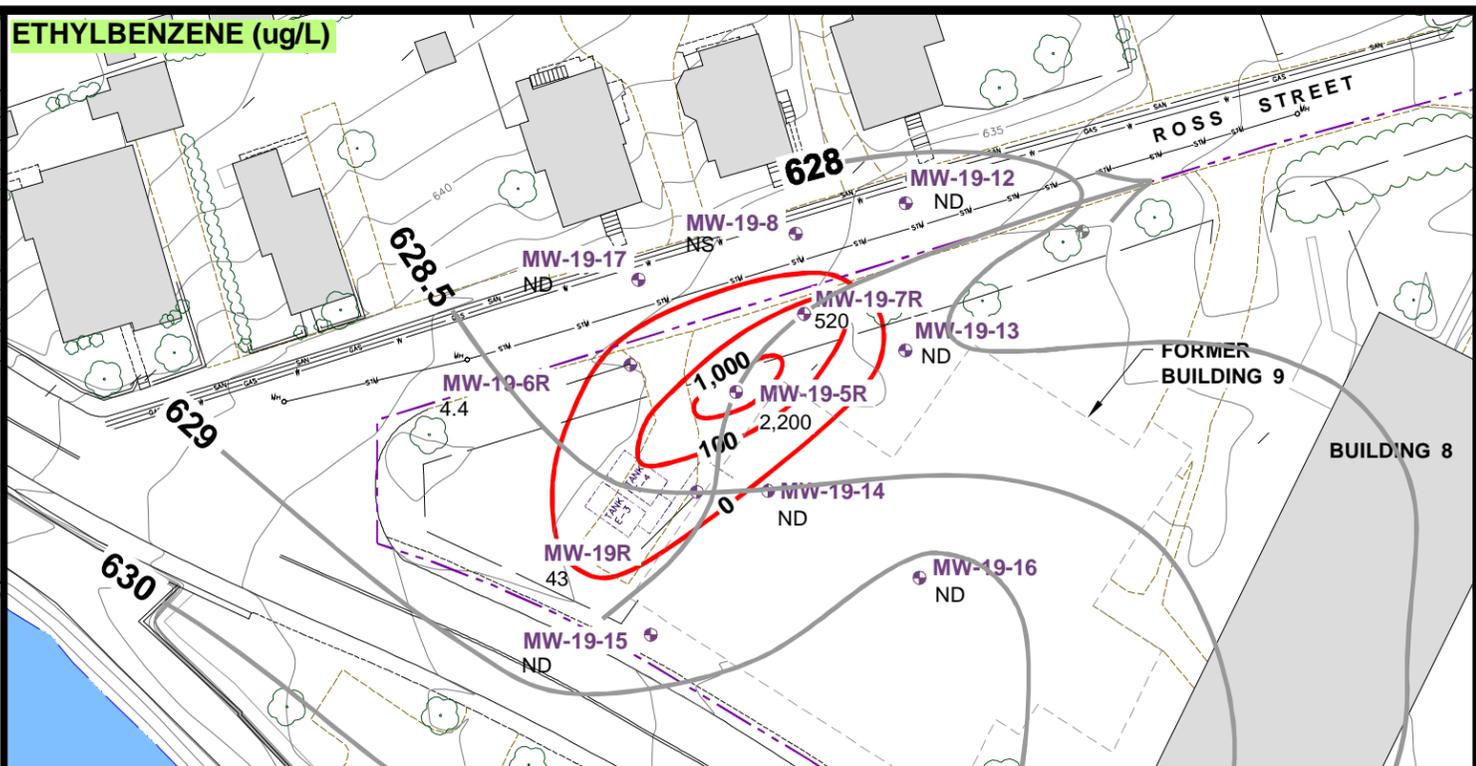
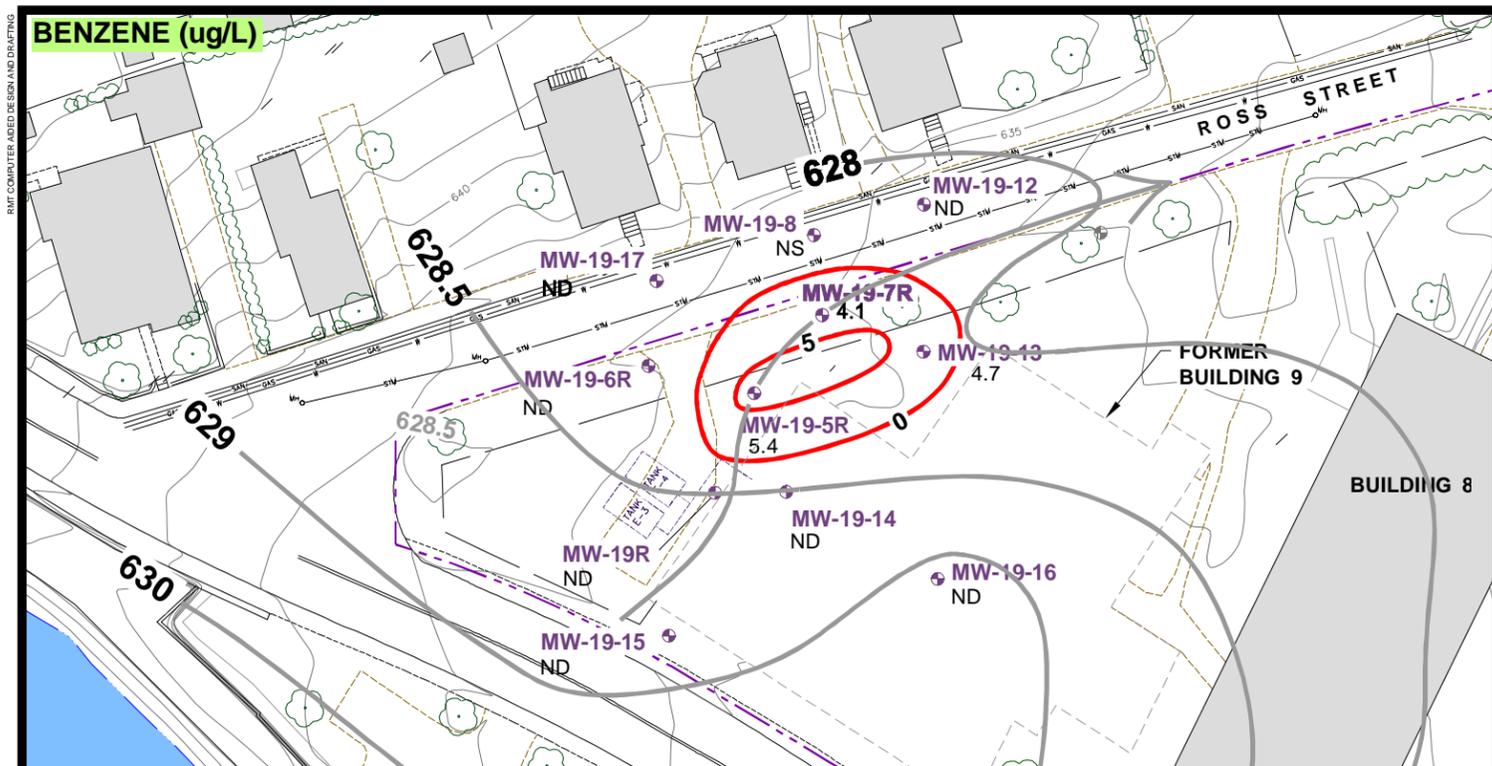
LEGEND	
	APPROXIMATE PROPERTY LINE
	FENCE LINE
	TREES
	GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
	PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
	PIEZOMETER LOCATION
	SURFACE WATER SAMPLING LOCATION (D = DITCH, R = RIVER)
	FORMER UNDERGROUND STORAGE TANK AND PIPING (WESTON 1990-1991)
	LIMIT OF 2010 SOIL EXCAVATION TO DEPTH OF WATER TABLE (~ 10 FEET)
	POST-REMEDIATION GROUND SURFACE ELEVATIONS
	ISOCONCENTRATION FOR TOTAL MAXIMUM (BTEX) ppm IN GROUNDWATER
	APPROXIMATE GROUNDWATER FLOW DIRECTION
	TOTAL (BTEX) ppm IN GROUNDWATER
	NOT DETECTED
	NOT SAMPLED
	SANITARY SEWER
	REGIONAL STORM SEWER LINE
	WATER

NOTES

- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
- FORMER BUILDING OPERATIONS
 - BUILDING 8: LAMINATION
 - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
- AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.



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NO.	BY	DATE	REVISION	APPD.
DAYCO CORPORATION / L.E. CARPENTER SUPERFUND SITE WHARTON, NEW JERSEY				
2Q11 TOTAL BTEX ISOCONCENTRATION CONTOURS (mg/L) FOR THE MW-19/HOT SPOT 1 AREA				
DRAWN BY:	S.J.L.	DRAWING SCALE:	PROJECT NO.	01545.46.04
CHECKED BY:	J.J.D.	AS INDICATED	FILE NO.	01545.46.04.dwg
APPROVED BY:	J.J.D.	DATE PRINTED:	FIGURE 4	
DATE:	July 2011			
		3754 Ranchero Drive Ann Arbor, Michigan 48106-2771 Phone: 734-971-7090 Fax: 734-971-9022		



LEGEND

- APPROXIMATE PROPERTY LINE
- FENCE LINE
- TREES
- POST-REMEDATION GROUND SURFACE ELEVATIONS
- GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- FORMER UNDERGROUND STORAGE TANK AND PIPING (WESTON 1990-1991)
- 10 ISOCONCENTRATION CONTOURS FOR INDIVIDUAL BTEX CONSTITUENTS DISSOLVED IN GROUNDWATER (ug/L)
- SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- ND NOT DETECTED
- SAN SANITARY SEWER
- STM REGIONAL STORM SEWER LINE
- W WATER

NOTES

- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
- FORMER BUILDING OPERATIONS
 - BUILDING 8: LAMINATION
 - BUILDING 15 and 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
- AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

SCALE IN FEET

NO.	BY	DATE	REVISION	APPD.

**DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY**

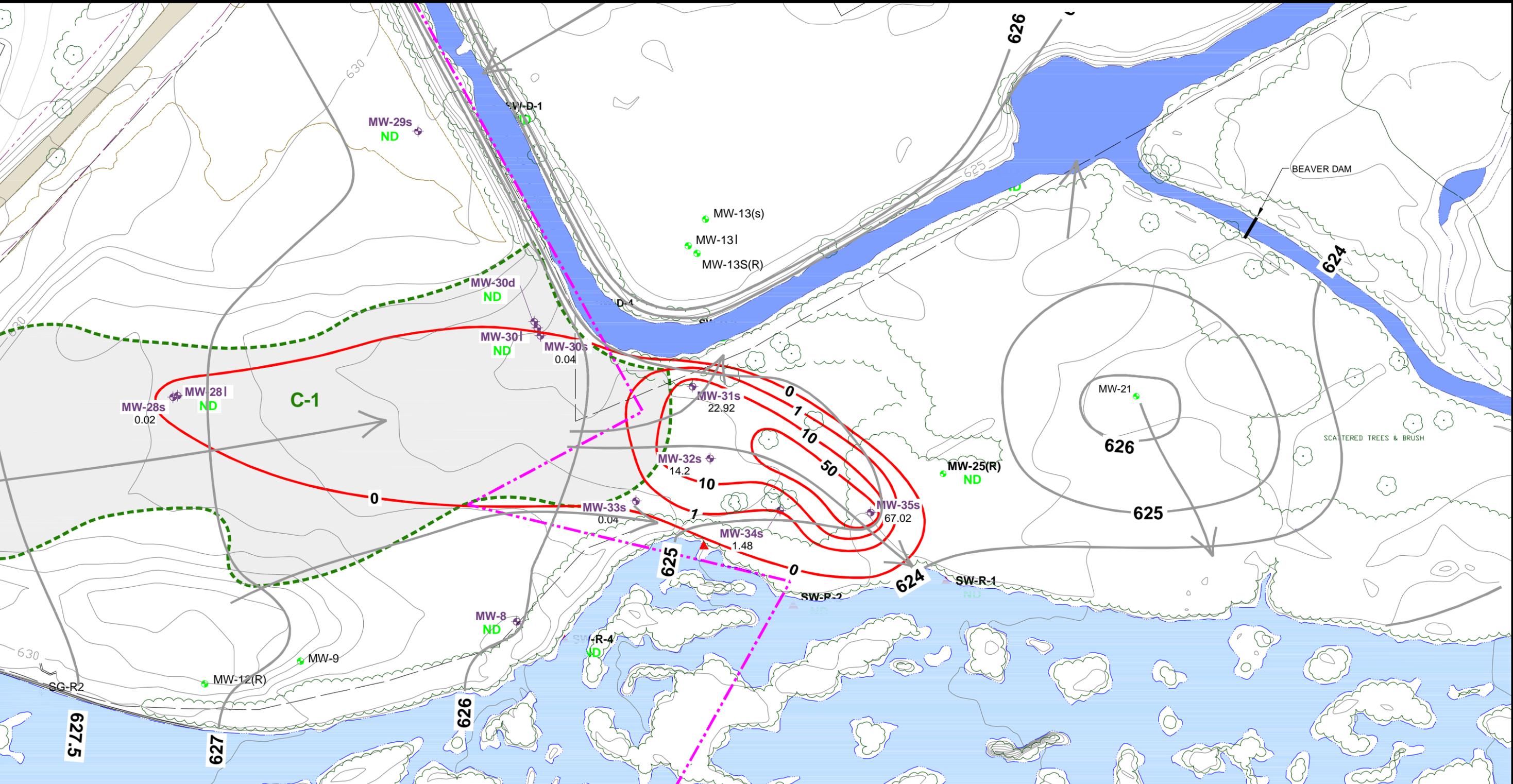
**2Q11 ISOCONCENTRATION CONTOURS (ug/L) FOR
FOR BENZENE, ETHYLBENZENE, TOLUENE,
AND XYLENES IN THE MW-19/HOT SPOT 1 AREA**

DRAWN BY: S.J.L.	DRAWING SCALE: AS INDICATED	PROJECT NO. 01545.46.05
CHECKED BY: J.J.D.	FILE NO. 01545.46.05.dwg	
APPROVED BY: J.J.D.	DATE PRINTED: July 2011	
DATE: July 2011		FIGURE 5

3754 Ranchero Drive
 Ann Arbor, Michigan 48106-2771
 Phone: 734-971-7000
 Fax: 734-971-9022

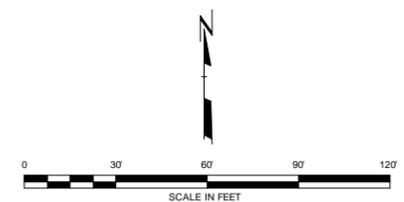
V:\CAD\A\101545\01545.dwg
 Operator Name: SEWERY, DENNIS
 Plot Date: April 2009
 Plot Time: 11:27 AM
 Drawing Plot Scale: 1:40
 Layout: Isoconcentrations ALL (E)
 RMT COMPUTER AIDED DESIGN AND DRAFTING

RMT COMPUTER AIDED DESIGN AND DRAFTING
 0.33 Mbs
 April 2008
 SEWERT, DENNIS
 Plot Date: 11:28 AM
 Plot Time:
 140
 Drawing File Name:
 Drawing File Scale:
 Layout: MW-30 (isocenters) B



- APPROXIMATE PROPERTY LINE
- x FENCE LINE
- TREES
- GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, l = intermediate, d = deep)
- PMP MONITORING WELL LOCATION AND NUMBER (s = shallow, l = intermediate, d = deep)
- GEI-31 PIEZOMETER LOCATION
- ▲ SURFACE WATER SAMPLING LOCATION (D = DITCH, R = RIVER)
- 630 POST-REMEDIATION GROUND SURFACE ELEVATIONS
- 10 ISOCONCENTRATION FOR TOTAL MAXIMUM BTEX (ppm) IN GROUNDWATER
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- 0.005 TOTAL BTEX (ppm) IN GROUNDWATER
- ND NOT DETECTED
- C-1 OUTLINE OF 2005 SOURCE REDUCTION AREA AND SUBSURFACE SLURRY MONOLITH

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M STEWART, INC. LAND SURVEYORS. DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314807REV.DWG).
2. AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

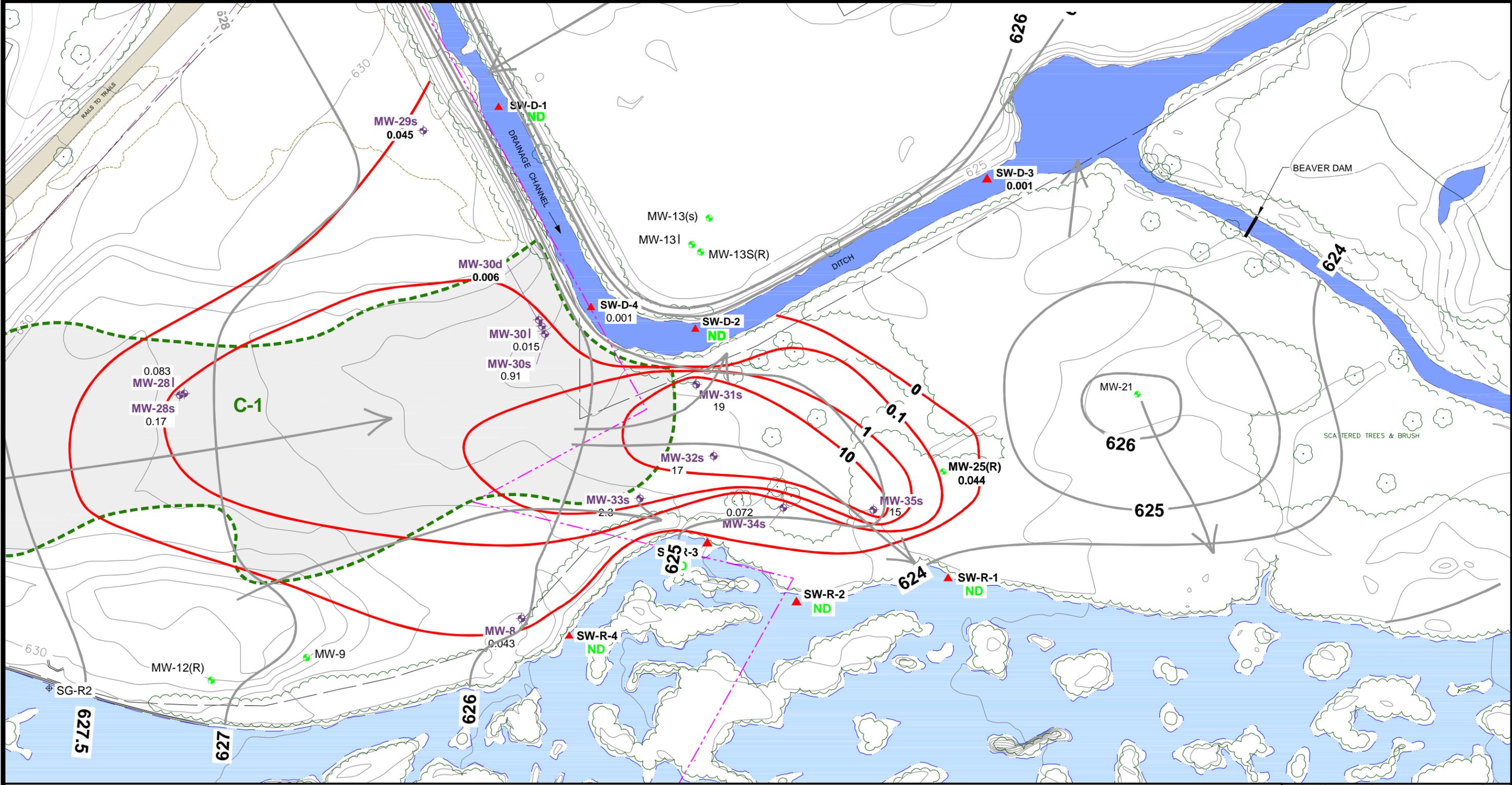


5.					
4.					
3.					
2.					
1.					
NO.	BY	DATE	REVISION	APPD.	

DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY
2Q11 TOTAL BTEX ISOCONCENTRATION
CONTOURS (mg/L) FOR THE MW-30 AREA

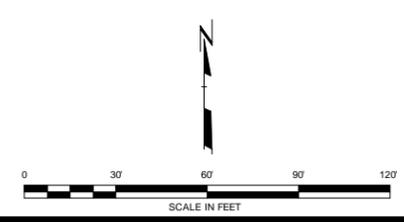
DRAWN BY: S.J.L.	DRAWING SCALE: AS INDICATED	PROJECT NO. 01545.46.6
CHECKED BY: J.J.D.	DATE PRINTED: July 2011	FILE NO. 01545.46.6.dwg
APPROVED BY: J.J.D.		FIGURE 6

0.69 Mb
 April 2008
 Plot Date
 Plot Time: 11:31 AM
 Layout: MW-30 DEHP Isoconcentration (7)
 Drawing File Name: 3754_Ranchero Drive
 Ann Arbor, Michigan 48106-2771
 Phone: 734-971-7080
 Fax: 734-971-9022



- APPROXIMATE PROPERTY LINE
- x- FENCE LINE
- TREES
- MW-25(R) ● GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- MW-29s ● PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
- SG-R1 ● RIVER POINT SURFACE WATER ELEVATION
- SG-D1 ● DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2I ● PIEZOMETER LOCATION
- SW-R-1 ▲ SURFACE WATER SAMPLING LOCATION (D = DITCH, R = RIVER)
- 630 --- POST-REMEDIATION GROUND SURFACE ELEVATIONS
- 1 --- ISOCONCENTRATION FOR DEHP (ppm) IN GROUNDWATER
- 0.005 --- TOTAL DEHP (ppm) IN GROUNDWATER
- ND --- NOT DETECTED
- C-1 --- OUTLINE OF 2005 SOURCE REDUCTION AREA AND SUBSURFACE SLURRY MONOLITH
- APPROXIMATE GROUNDWATER FLOW DIRECTION

1. BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
2. AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATER EDGE.



5.					
4.					
3.					
2.					
1.					
NO.	BY	DATE	REVISION	APPD.	

**DAYCO CORPORATION / L.E. CARPENTER
SUPERFUND SITE
WHARTON, NEW JERSEY**

**2Q11 TOTAL DEHP ISOCONCENTRATION
CONTOURS (mg/L) FOR THE MW-30 AREA**

DRAWN BY: S.J.L.	DRAWING SCALE: AS INDICATED	PROJECT NO. 01545.46.7
CHECKED BY: J.J.D.	DATE PRINTED: July 2011	FILE NO. 01545.46.7.dwg
APPROVED BY: J.J.D.		FIGURE 7

3754 Ranchero Drive
 Ann Arbor, Michigan 48106-2771
 Phone: 734-971-7080
 Fax: 734-971-9022

Appendix A

Photographic Summary and Field Data Forms

Photographic Log

Client Name: DayCo/LE Carpenter & Company	Site Location: Wharton, NJ	Project No.: 004048.0000.0000
---	--------------------------------------	---

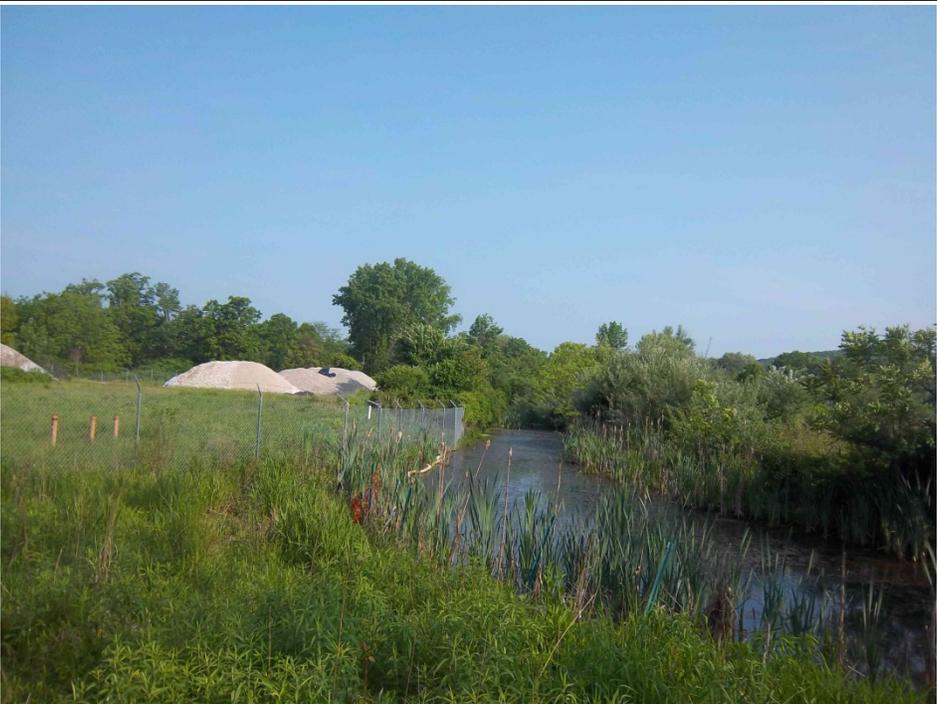
Photo No. 1	Date 5/26/11	
Description Standing just East of Main Street looking East at the restored MW19HS1 remediation area.		

Photo No. 2	Date 5/26/11	
Description Standing near MW-29s looking Southeast toward MW-30D, 30I, and 30S and the wetland area.		

Photographic Log

Client Name: DayCo/LE Carpenter & Company	Site Location: Wharton, NJ	Project No.: 004048.0000.0000
---	--------------------------------------	---

Photo No. 3	Date 5/26/11	
Description Standing near MW-30D, 30I, and 30S looking Northwest across the MW-30 site.		

Photo No. 4	Date 5/26/11	
Description Standing South of SW-D-4 looking upstream (North) in the drainage ditch.		

Photographic Log

Client Name: DayCo/LE Carpenter & Company		Site Location: Wharton, NJ	Project No.: 004048.0000.0000
Photo No. 5	Date 5/26/11		
Description Standing near SW-D-4 looking downstream (East) in the drainage ditch.			
Photo No. 6	Date 5/26/11		
Description Standing near the wetland boundary looking East into the wetland area.			

Photographic Log

Client Name: DayCo/LE Carpenter & Company	Site Location: Wharton, NJ	Project No.: 004048.0000.0000
---	--------------------------------------	---

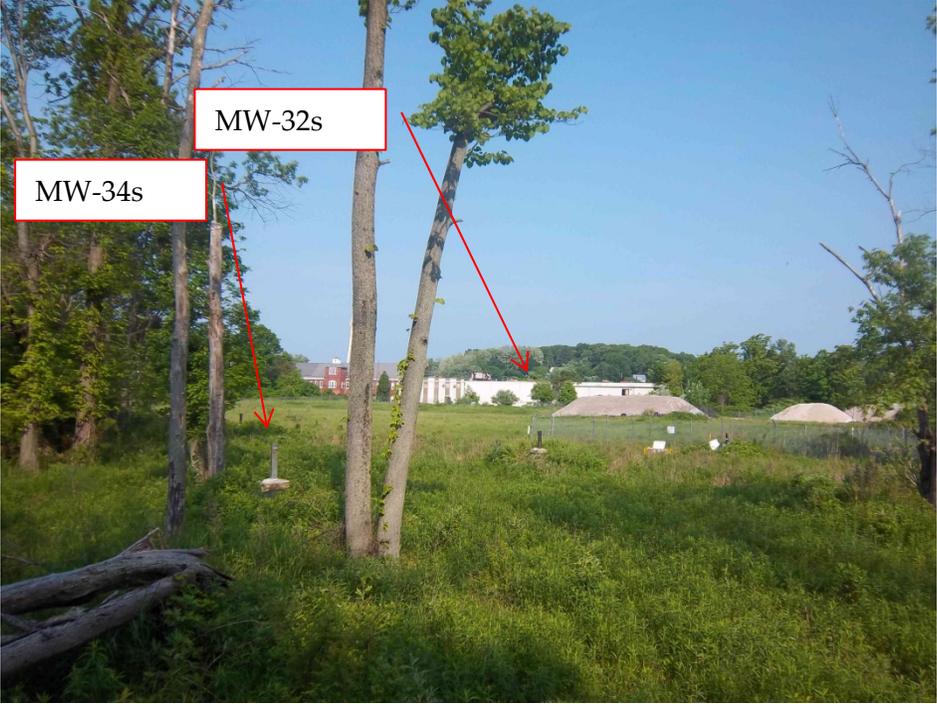
Photo No. 7	Date 5/26/11	
Description Standing at MW-35s looking West across the wetland area.		

Photo No. 8	Date 5/26/11	
Description Standing near SW-R-1 looking downstream toward the absorbent boom section placed in the Rockaway River.		

Photographic Log

Client Name: DayCo/LE Carpenter & Company	Site Location: Wharton, NJ	Project No.: 004048.0000.0000
---	--------------------------------------	---

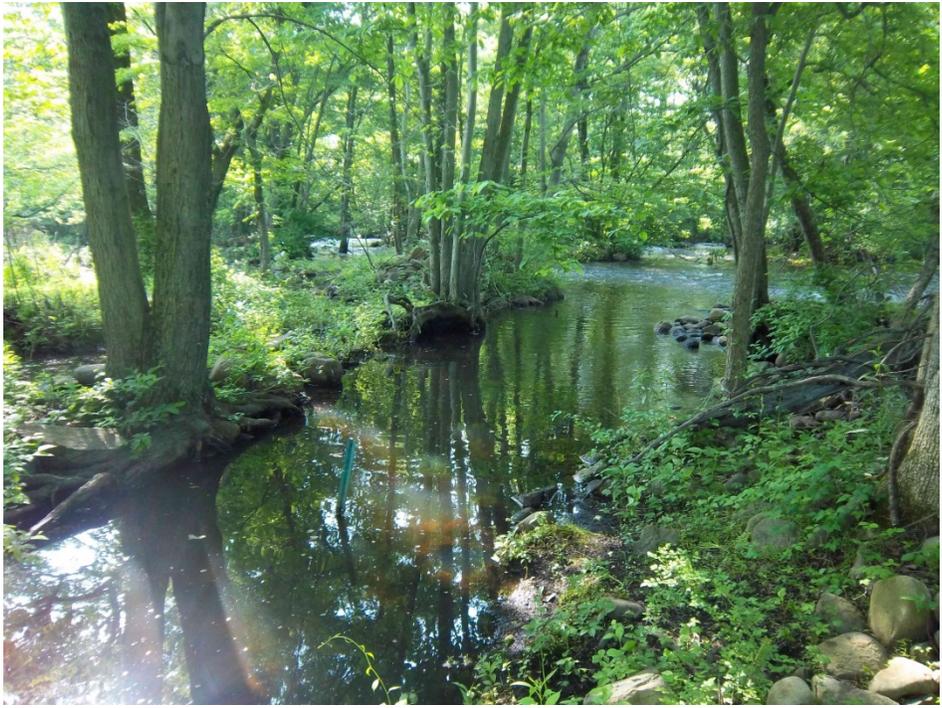
Photo No. 9	Date 5/26/11	
Description Standing near DRC-02 (ditch river confluence) looking downstream toward the Rockaway River.		

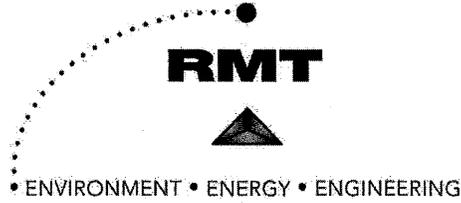
Photo No. 10	Date 5/26/11	
Description Standing near DRC-02 looking upstream (North) toward SW-D-5.		

Photographic Log

Client Name: DayCo/LE Carpenter & Company	Site Location: Wharton, NJ	Project No.: 004048.0000.0000
---	--------------------------------------	---

Photo No. 11	Date 5/26/11	
Description Standing downstream of SW-D-5 looking upstream at dam structure created between 1Q11 and 2Q11 sampling events.		

Photo No. 12	Date 5/26/11	 <div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 10px auto;"> Submerged new SW-D- 5 staff gauge </div>
Description Standing immediately downstream from SW-D-5 viewing the flood conditions above the newly constructed dam. Note the flooded SW-D-5 staff gauge. The old staff gauge (SW-D-5) used for monitoring prior to the dam washout was utilized for 2Q11 water elevation monitoring due to the flooded conditions.		



PROJECT NAME:	LE Carpenter
PROJECT NUMBER:	01545.46.001
PROJECT MANAGER:	Barry Culp
SITE LOCATION:	170 N. Main Street Wharton, NJ 07885
DATES OF FIELDWORK:	5/23/2011 TO 5/26/2011
PURPOSE OF FIELDWORK:	2Q11 Sampling Event
WORK PERFORMED BY:	S. Pawlukiewicz, M. Abraham (PARS)

Scott Pawlukiewicz 5/26/11
SIGNED DATE

Scott Mudd 6/15/11
CHECKED BY DATE



GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 5/23/11	TIME ARRIVED: 1030
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham	TIME LEFT: 1815

WEATHER		
TEMPERATURE: <u>60-70 °F</u>	WIND: <u>0-5 MPH</u>	VISIBILITY: <u>overcast/mid.</u>
WORK / SAMPLING PERFORMED		
<ul style="list-style-type: none"> - Collected site-wide WL's. - Collected surface water samples: DRC-02, SW-D-5, SW-R-1, SW-R-2, SW-R-3, SW-R-4, SW-D-4, SW-R-6, SW-D-3, SW-R-2 (dup-01), SW-D-1 (MS/MSD). - Purged wetland wells dry (MW-31s, -32s, -33s, -34s, -35s). 		

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION		
NAME	REPRESENTING	SUBJECT / COMMENTS
D. Condon	LEC	check-in


5/23/11

6/15/11
 SIGNED _____ DATE _____ CHECKED BY _____ DATE _____

RMT

GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 5/24/11	TIME ARRIVED: 0700
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham	TIME LEFT: 1830

WEATHER

TEMPERATURE: 70 °F WIND: 0-5 MPH VISIBILITY: overcast

WORK / SAMPLING PERFORMED

SAMPLES: MW-19-12, MW-19-17, MW-19-15, MW-19-16, MW-19-14,
MW-19R
- MW-295, MW-8, MW-25(R), MW-305.

Purged MW-275 dry.

PROBLEMS ENCOUNTERED

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
—	—	—

SIGNED S. Pawlukiewicz DATE 5/24/11 CHECKED BY Scott Madell DATE 6/15/11



GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: <u>5/25/11</u>	TIME ARRIVED: <u>0715</u>
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham	TIME LEFT: <u>1715</u>

WEATHER

TEMPERATURE: 70 °F WIND: 0-5 MPH VISIBILITY: CLEAR

WORK / SAMPLING PERFORMED

SAMPLED: MW-19-6R, MW-19-13, ATM-01, MW-7R (Dup-03),
 MW-19-5R.
 - MW-27s, MW-30i (Dup-02), MW-30D, MW-28s,
 MW-28i,
 - RB-01, RB-02, RB-03.

PROBLEMS ENCOUNTERED CORRECTIVE ACTION TAKEN

—	—
—	—
—	—
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
—	—	—

S. Pawlukiewicz 5/25/11
 SIGNED DATE

Scott Muddler 6/15/11
 CHECKED BY DATE



GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 5/26/11	TIME ARRIVED: 0715
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham	TIME LEFT: 1645

WEATHER

TEMPERATURE: 80 °F WIND: 0-5 MPH VISIBILITY: Partly Cloudy.

WORK / SAMPLING PERFORMED

- SAMPLED (MW-31s, MW-35s, MW-34s, MW-32s, MW-33s).

- PACK DECON/PACK EQUIPMENT.

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
—	—

COMMUNICATION

NAME	REPRESENTING	SUBJECT / COMMENTS
—	—	—

S Pawlukiewicz 5/26/11 Scott Muller 6/15/11
SIGNED DATE CHECKED BY DATE

RMT**EQUIPMENT SUMMARY**

PROJECT NAME: LE Carpenter	SAMPLER NAME: S. Pawlukiewicz, M. Abraham
PROJECT NO.: 01545.46.001	

WATER LEVEL MEASUREMENTS COLLECTED WITH:

QED PROJECT DEDICATED

NAME AND MODEL OF INSTRUMENT SERIAL NUMBER (IF APPLICABLE)

PRODUCT LEVEL MEASUREMENTS COLLECTED WITH:

NA

NAME AND MODEL OF INSTRUMENT SERIAL NUMBER (IF APPLICABLE)

DEPTH TO BOTTOM OF WELL MEASUREMENTS COLLECTED WITH:

QED PROJECT DEDICATED

NAME AND MODEL OF INSTRUMENT SERIAL NUMBER (IF APPLICABLE)

PURGING METHOD

BLADDER PUMP (QED SAMPLE PRO) RMT GR

NAME AND MODEL OF PUMP OR TYPE OF BAILER SERIAL NUMBER (IF APPLICABLE)

SAMPLING METHOD

BLADDER PUMP (QED SAMPLE PRO) RMT GR

NAME AND MODEL OF PUMP OR TYPE OF BAILER SERIAL NUMBER (IF APPLICABLE)

GEOTECH DISPOSABLE FILTER 0.45 MICRON

NAME AND MODEL OF FILTRATION DEVICE FILTER TYPE AND SIZE

DISPOSABLE POLY TUBING LOW-FLOW SAMPLING EVENT

TUBING TYPE

PURGE WATER DISPOSAL METHOD

GROUND DRUM POTW POLYTANK OTHER _____

DECONTAMINATION AND FIELD BLANK WATER SOURCE

STORE BOUGHT STORE BOUGHT

POTABLE WATER SOURCE DI WATER SOURCE

S Pawlukiewicz 5/23/11 S. Muddler 6/15/11
SIGNED DATE CHECKED BY DATE



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: <u>Hanna 455</u>	SAMPLER: <u>MA SM/SP</u>
PROJECT NO.: 01545.46.001	SERIAL #: PROJECT	DATE: <u>5/23/11</u>

PH CALIBRATION CHECK

pH 7 (LOT #): (EXP. DATE):	pH 4 / 10 (LOT #): (EXP. DATE):	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
/	<u>4.00 / 4.00</u>	<input checked="" type="checkbox"/> WITHIN RANGE	<u>07:46</u>
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
<u>4.49 / 4.49</u>	<u>22.10</u>	<input checked="" type="checkbox"/> WITHIN RANGE	<u>07:46</u>
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
/		<input type="checkbox"/> WITHIN RANGE	07:46
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
/	<input checked="" type="checkbox"/> WITHIN RANGE	<u>07:46</u>
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #): (EXP. DATE):	(LOT #): (EXP. DATE):		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
/	<u>0.0 / 0.0</u>	<input type="checkbox"/> WITHIN RANGE	<u>07:46</u>
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
(EXP. DATE):	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
⁽¹⁾ CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER	

NOTES

PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

S. Pawelchuk For. M.A. 6/13/11
SIGNED DATE

S. Muller 6/15/11
CHECKED BY DATE



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: Horiba 955	SAMPLER: SM/SP
PROJECT NO.: 01545.46.001	SERIAL #: PROJECT	DATE: 5/24/11 & 5/25/11

PH CALIBRATION CHECK

LOT #: (EXP. DATE):	LOT #: (EXP. DATE):	CAL RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
/	4.0 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	07:41
/	4.00 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	13:11
/	4.00 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	07:44
/	4.00 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	

5/24
5/25

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

LOT #: (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL RANGE	TIME
POST-CAL. READING / STANDARD			
4.49 / 4.49		<input checked="" type="checkbox"/> WITHIN RANGE	7:41
4.79 / 4.49		<input checked="" type="checkbox"/> WITHIN RANGE	13:11
4.49 / 4.49		<input checked="" type="checkbox"/> WITHIN RANGE	07:44
/		<input checked="" type="checkbox"/> WITHIN RANGE	

5/24
5/25

ORP CALIBRATION CHECK

LOT #: (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL RANGE	TIME
POST-CAL. READING / STANDARD			
/		<input type="checkbox"/> WITHIN RANGE	7:41
/		<input type="checkbox"/> WITHIN RANGE	13:11
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL RANGE	TIME
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

LOT #: (EXP. DATE):	LOT #: (EXP. DATE):	CAL RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
/	0.0 / 0.0	<input checked="" type="checkbox"/> WITHIN RANGE	7:41
/	0.0 / 0.0	<input checked="" type="checkbox"/> WITHIN RANGE	13:11
/	0.0 / 0.0	<input type="checkbox"/> WITHIN RANGE	7:44
/	/	<input type="checkbox"/> WITHIN RANGE	

5/24
5/25

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
(EXP. DATE):	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	

⁽¹⁾ CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER

NOTES

PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

SIGNED: S Pawlenty FOR Mkt. DATE: 5/13/11

CHECKED BY: Scott Mueller DATE: 6/15/11



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: QED MP20	SAMPLER: SM/SP
PROJECT NO.: 01545.46.001	SERIAL #: PROJECT	DATE: 5/24/11

PH CALIBRATION CHECK

pH 7 (LOT #): 2011038 (EXP. DATE): 10/2012	pH 4 / 10 (LOT #): 2011507 (EXP. DATE): 10/2012	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
7.57 / 7.00	3.84 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	0821
7.13 / 7.00	4.15 / 4.00	<input type="checkbox"/> WITHIN RANGE	1322
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): — (EXP. DATE): —	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
— / —	—	<input type="checkbox"/> WITHIN RANGE	—
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 110100255 (EXP. DATE): —	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
203 / 238	19	<input type="checkbox"/> WITHIN RANGE	0824
226 / 235	22	<input type="checkbox"/> WITHIN RANGE	1325
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
6.00	<input checked="" type="checkbox"/> WITHIN RANGE	0826
6.29	<input type="checkbox"/> WITHIN RANGE	1326
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #): — (EXP. DATE): —	(LOT #): — (EXP. DATE): —		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
900/890 / 100/95	20/19.5 / <0.1/0.1	<input type="checkbox"/> WITHIN RANGE	0815
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #): — (EXP. DATE): —	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	⁽¹⁾ CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
<input type="checkbox"/> _____	

NOTES

<p>no sp cond. chk. Solⁿ.</p>
--

PROBLEMS ENCOUNTERED

/

CORRECTIVE ACTIONS

/

SIGNED: S Pawlenty DATE: 5/24/11

CHECKED BY: S. Mull DATE: 6/15/11



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: QED MP20	SAMPLER: SM/SP
PROJECT NO.: 01545.46.001	SERIAL #: PROJECT	DATE: 5/25/11

PH CALIBRATION CHECK

pH 7 (LOT #): 2011038 (EXP. DATE): 10/2012	pH 4 / 10 (LOT #): 2011507 (EXP. DATE): 10/2012	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
7.04 / 7.00	3.89 / 4.00	<input type="checkbox"/> WITHIN RANGE	0753
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 0384 (EXP. DATE): 01/2013	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
1328 / 1413	19.10	<input type="checkbox"/> WITHIN RANGE	0755
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 110100255 (EXP. DATE):	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
247 / 240		<input type="checkbox"/> WITHIN RANGE	0757
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
6.45	<input type="checkbox"/> WITHIN RANGE	0759
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #):	(LOT #):		
(EXP. DATE):	(EXP. DATE):		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
800/700 / 100/95	20/19.5 / 20.1/20.2	<input checked="" type="checkbox"/> WITHIN RANGE	0800
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
(EXP. DATE):	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	⁽¹⁾ CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER
<input type="checkbox"/> _____	

NOTES

PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

SIGNED: 3 Pawlenty DATE: 5/25/11

CHECKED BY: Scott Muddel DATE: 6/15/11

RMT

WATER LEVEL DATA

PROJECT NAME: LE Carpenter	DATE: 5/23/11
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-30D	1223		1.45	—		
MW-31s	1243		4.70	NM	4.69	
MW-32s	1245		4.90	↓	4.89	
MW-33s	1234		5.57			
MW-34s	1238		4.89			
MW-35s	1236		4.11			
SW-D-1	1720		1.63	(MS/MSD)		
SW-D-2	1705		1.88	(Dup-01)		
SW-D-3	1650		1.38			
SW-D-4	1555		0.82			
SW-D-5	1448		3.13	* OLD STAFF GAUGE, DAM PRESENT AGAIN.		
SW-R-1	1505		2.01			
SW-R-2	1515		1.96			
SW-R-3	1525		1.32			
SW-R-4	1535		2.19			
SW-R-5			1.16			
SW-R-6	1610		—			
DRC-2	1443		1.29'			
SG-R2	1157		1.75			

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

S. Pawlukiewicz 5/23/11
 SIGNED DATE

Scott Mudd 6/15/11
 CHECKED DATE



WATER LEVEL DATA

PROJECT NAME: LE Carpenter	DATE: 5/23/11
PROJECT NUMBER: 01545.46.001	AUTHOR: S. Pawlukiewicz, M. Abraham

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-15S	1150		8.60			
MW-15I	1149		8.57			
MW-18S	—		—	Abandoned		
MW-18I	—		—			
MW-17S	1155		6.29			
MW-12R	1200		6.67			
MW-9	1205		2.61			
MW-8	1210		2.15			
MW-13S	1615		3.69			
MW-13I	1616		3.16			
MW-13S (R)	1617		—			

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

S Pawlukiewicz 5/23/11
 SIGNED DATE

Scott Maddala 6/15/11
 CHECKED DATE

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: <u>5/23/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>DRC-02</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1443</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
			DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER		
			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>9654-1657-3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Paulkij</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP DATE: <u>5/23/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: SW-D-5 WELL DIAMETER: 2" 4" 6" OTHER N/A

WELL MATERIAL: PVC SS IRON GALVANIZED STEEL OTHER N/A

SAMPLE TYPE: GW WW SW DI LEACHATE OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1448</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: _____		FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		COMMENTS:	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: Fooby DATE SHIPPED: 5/24/11 AIRBILL NUMBER: 8654 1657 3351

COC NUMBER: NA SIGNATURE: S Paulby DATE SIGNED: 5/24/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP DATE: <u>5/23/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>SW-R-1</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER _____	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1505</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
			TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or < /= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Paulby</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: 5/23/11
	BY: SM	DATE: 6/15/11

SAMPLE ID: SW-R-2	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> VVW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: 1515	DATE: 5/23/11
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
			TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____											
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED			NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
				<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
				<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
				<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	

SHIPPING METHOD: FedEx	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 8654 1657 3851
COC NUMBER: NA	SIGNATURE: S. Parshy	DATE SIGNED: 5/24/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP DATE: <u>5/23/11</u>	BY: <u>Sm</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>SW-R-3</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1525</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
			TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER	COMMENTS:				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>Frooks</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlby</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: 5/23/11
	BY: SM	DATE: 6/15/11

SAMPLE ID: SW-R-4	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: 1535	DATE: 5/23/11
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____											
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED			NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N

SHIPPING METHOD: FedEx	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 8654 1652 3351
COC NUMBER: NA	SIGNATURE: S Paulchy	DATE SIGNED: 5/24/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: 5/23/11	BY: SM	DATE: 6/15/11

SAMPLE ID: Sw-D-4	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A			
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A				
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER				

PURGING		TIME:	DATE:	SAMPLE	TIME: 1555	DATE: 5/23/11
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER				PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
				ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC				TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC				<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY				FILTRATE COLOR: _____	FILTRATE ODOR: _____	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY				QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS:			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>PROEX</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>865416573351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Parbhaj</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: <u>5/23/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>SW-R-6</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1610</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <=/= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>N/A</u>	SIGNATURE: <u>S Paulking</u>	DATE SIGNED: <u>5/24/11</u>

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP	DATE: <u>5/23/11</u>
	BY: <u>Sm</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>SW-D-3</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1650</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			ODOR: _____	FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or < /= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 8657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pauling</u>	DATE SIGNED: <u>5/24/11</u>

Dup-01

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP DATE: <u>5/23/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>JW-D-2</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1705</u>	DATE: <u>5/23/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER				PH: _____ SU	CONDUCTIVITY: _____ umhos/cm
				ORP: _____ mV	DO: _____ mg/L
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C OTHER: _____		
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____ ODOR: _____		
COLOR: _____ ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____		FILTRATE ODOR: _____
			QC SAMPLE: <input type="checkbox"/> MS/MSD <input checked="" type="checkbox"/> DUP- <u>01</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <=/ TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
<u>42</u>	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<u>42</u>	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8684 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Powell</u>	DATE SIGNED: <u>5/24/11</u>



ms/msd WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.4 .001	BY: SP DATE: 5/23/11	BY: SM DATE: 6/15/11

SAMPLE ID: Sw-0-1	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME:	DATE:
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU CONDUCTIVITY: _____ umhos/cm		
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV DO: _____ mg/L		
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C OTHER: _____		
COLOR: _____ ODOR: _____			COLOR: _____ ODOR: _____		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			FILTRATE COLOR: _____ FILTRATE ODOR: _____		
			QC SAMPLE: <input checked="" type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
4/2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
4/2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: FedEx	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 8654 1657 3351
COC NUMBER: NA	SIGNATURE: S Paulby	DATE SIGNED: 5/24/11

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY: <u>SP/MA</u> DATE: <u>5/24/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-19-12</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>0830</u>	DATE: <u>5/24/11</u>	SAMPLE	TIME: <u>0855</u>	DATE: <u>5/24/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>BLOOPER</u> <input type="checkbox"/> BAILER	PH: <u>7.27</u> SU	CONDUCTIVITY: <u>419</u> umhos/cm	ORP: <u>530</u> mV	DO: <u>3.92</u> mg/L	
DEPTH TO WATER: <u>6.15</u> T/ PVC	TURBIDITY: <u>9.8</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>16.77</u> T/ PVC	TEMPERATURE: <u>14.19</u> °C	OTHER: _____			
WELL VOLUME: <u>6.88</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr.</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
COLOR: <u>clay</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>			
TURBIDITY: <u>23</u> <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 100 log: 11 Fe: 0.0</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0830	400	6.62	394	205	4.18	23.0	16.00	6.15	INITIAL
0835	↓	7.05	411	355	3.71	15.0	14.30	6.15	2
0840		7.18	417	433	3.78	13.2	14.36	6.15	4
0845		7.22	417	470	3.80	11.0	14.20	6.15	6
0850		7.25	414	505	4.02	10.7	14.16	6.15	8
0855		7.27	409	530	3.92	9.8	14.19	6.15	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>B. Pankaj</u>	DATE SIGNED: <u>5/24/11</u>

RMT**WATER SAMPLE LOG**

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: 5/24/11	BY: SM	DATE: 6/15/11

SAMPLE ID: MW-19-17	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 0928	DATE: 5/24/11	SAMPLE	TIME: 1043	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>BLADDER</u> <input type="checkbox"/> BAILER	PH: 6.68	SU	CONDUCTIVITY: 1700	umhos/cm	
DEPTH TO WATER: 7.48 T/ PVC	ORP: 5	mV	DO: 2.24	mg/L	
DEPTH TO BOTTOM: 15.64 T/ PVC	TURBIDITY: 14.6	NTU	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: 5.79 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	TEMPERATURE: 13.44	°C	OTHER: _____		
VOLUME REMOVED: 30 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: Cle		ODOR: NO		
COLOR: Cloudy	ODOR: NO		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
192 TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: Cle		FILTRATE ODOR: NO		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-	COMMENTS: Alk: 130 CO ₂ : 25 Fe: 1.0			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
0928	400	6.77	1600	160	2.92	192	16.30	7.48	INITIAL
0933	↓	6.65	1670	88	1.75	178	13.59	7.50	2
0938		6.65	1680	63	1.70	133	13.52	7.50	4
0943		6.65	1700	49	1.82	116	13.45	7.55	6
0948		6.66	1700	37	2.00	93.4	13.43	7.55	8
0953		6.67	1710	30	2.18	81.2	13.40	7.55	10
0958		6.67	1700	22	2.23	61.4	13.42	7.55	12
1003		6.68	1700	18	1.87	50.0	13.32	7.55	14
1008		6.68	1710	15	2.28	38.9	13.34	7.55	16
1013		6.69	1710	12	2.12	30.9	13.39	7.55	18

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: FedEx	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 8654 1657 3351
COC NUMBER: NA	SIGNATURE: S Pawlinski	DATE SIGNED: 5/24/11

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.46.001	BY: SP/MA	DATE: 5/24/11	BY: Sm	DATE: 6/15/11

SAMPLE ID: MW-19-17

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1018	400	6.69	1710	10	2.56	29.8	13.37	7.55	20
1023	↓	6.70	1710	8	2.32	21.8	13.40	7.55	22
1028		6.70	1720	6	2.00	17.0	13.43	7.55	24
1033		6.71	1720	6	2.12	15.1	13.45	7.55	26
1038		6.70	1720	5	2.25	15.5	13.50	7.55	28
1043		6.68	1720	5	2.24	14.6	13.44	7.55	30

SIGNATURE: S. Paulij

DATE SIGNED: 5/24/11

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: 5/24/11	BY: SM DATE: 6/15/11

SAMPLE ID: MW-19-15	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1143	DATE: 5/24/11	SAMPLE	TIME: 1248	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Beckman</u> <input type="checkbox"/> BAILER	PH: 6.40 SU	CONDUCTIVITY: 1202 umhos/cm	ORP: 26 mV	DO: 1.52 mg/L	
DEPTH TO WATER: 6.32 TI PVC	TURBIDITY: 15.1 NTU	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: 15.62 TI PVC	TEMPERATURE: 12.81 °C	OTHER:			
WELL VOLUME: 5.96 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: clr.	ODOR: NO			
VOLUME REMOVED: 26 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
COLOR: orange	FILTRATE COLOR: clr	FILTRATE ODOR: NO			
7100 TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: Alk: 100 Cor: 30 Fe: 2.0				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
1143	400	6.48	1530	33	3.82	>1000	15.18	6.32	INITIAL
1148	↓	6.34	1520	20	1.80	264	12.78	6.99	2
1158		6.39	1389	16	1.65	100	12.93	7.00	4
1205		6.39	1338	18	1.82	72.1	13.01	7.00	6
1158		6.38	1304	21	1.50	50.4	12.91	7.02	8
1205		6.36	1268	23	1.26	39.6	12.54	7.02	10
1203		6.33	1261	25	1.52	31.8	12.54	7.02	12
1213		6.35	1249	25	1.44	27.3	12.59	7.02	14
1218		6.37	1235	24	1.89	24.7	12.74	7.02	16
1223		6.36	1232	27	1.46	21.1	12.54	7.02	18

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED		CHECKED	
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: 5/24/11	BY: SM	DATE: 6/15/11

SAMPLE ID: MW-19-16 WELL DIAMETER: 2" 4" 6" OTHER _____

WELL MATERIAL: PVC SS IRON GALVANIZED STEEL OTHER _____

SAMPLE TYPE: GW WW SW DI LEACHATE OTHER _____

PURGING	TIME: <u>1327</u>	DATE: <u>5/24/11</u>	SAMPLE	TIME: <u>1352</u>	DATE: <u>5/24/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>BLNORDE</u>			PH: <u>6.96</u> SU	CONDUCTIVITY: <u>1700</u> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <u>153</u> mV	DO: <u>2.62</u> mg/L	
DEPTH TO WATER: <u>5.20</u> T/ PVC			TURBIDITY: <u>9.12</u> NTU		
DEPTH TO BOTTOM: <u>15.74</u> T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>6.83</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>12.80</u> °C	OTHER: _____	
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>	ODOR: <u>NO</u>	
COLOR: <u>clay</u>	ODOR: <u>NO</u>		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
<u>224</u> TURBIDITY			FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 130 CO2: 18 Fe: 0.0</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1327	400	6.53	1660	183	4.73	224	14.84	5.20	INITIAL
1332	↓	6.91	1670	169	2.52	72.8	13.01	5.45	2
1337	↓	6.94	7680	164	2.21	323	12.92	5.45	4
1342		6.94	1690	162	2.39	18.8	12.85	5.48	6
1347		6.95	1680	158	2.57	16.1	12.78	5.48	8
1352		6.96	1700	153	2.62	9.12	12.80	5.48	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FLORX</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Powell</u>	DATE SIGNED: <u>5/24/11</u>

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY: <u>SP/MA</u> DATE: <u>5/24/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-19-14</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1428</u>	DATE: <u>5/24/11</u>	SAMPLE	TIME: <u>1453</u>	DATE: <u>5/24/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Biodiesel</u> <input type="checkbox"/> BAILER	PH: <u>6.82</u> SU	CONDUCTIVITY: <u>1810</u> umhos/cm	ORP: <u>126</u> mV	DO: <u>2.35</u> mg/L	
DEPTH TO WATER: <u>6.22</u> T/ PVC	TURBIDITY: <u>8.9</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>15.80</u> T/ PVC	TEMPERATURE: <u>12.25</u> °C	OTHER: _____			
WELL VOLUME: <u>6.21</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
COLOR: <u>lt. Brown</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>			
<u>595</u> TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 160 Ca2: 18 Fe: 0.1</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1428	400	6.90	1770	134	4.62	595	15.02	6.22	INITIAL
1433	↓	6.80	1790	131	1.99	125	12.28	6.20	2
1438	↓	6.83	1820	128	2.29	43.9	12.31	6.20	4
1443		6.85	1820	126	2.25	18.8	12.34	6.20	6
1448		6.85	1810	125	2.24	12.5	12.45	6.20	8
1453		6.82	1810	126	2.35	8.9	12.25	6.20	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY: SP/MA	DATE: 5/24/11
	BY: SM	DATE: 6/15/11

SAMPLE ID: MW-19R	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1526	DATE: 5/24/11	SAMPLE	TIME: 1551	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bloodline</u>			PH: 6.77	SU	CONDUCTIVITY: 1900 umhos/cm
<input type="checkbox"/> BAILER			ORP: 82 mV	DO: 2.25 mg/L	
DEPTH TO WATER: 6.25 T/ PVC			TURBIDITY: 6.21 NTU		
DEPTH TO BOTTOM: 15.20 T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: 5.80 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 12.57 °C		OTHER:
VOLUME REMOVED: 10 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>		ODOR: <u>NO</u>
COLOR: <u>Cloudy</u>		ODOR: <u>NO</u>	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
432 TURBIDITY			FILTRATE COLOR: <u>clr</u>		FILTRATE ODOR: <u>NO</u>
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			COMMENTS: Alk: 200 Cl ₂ : 40 Fe: 0.2		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1526	400	6.84	1880	112	3.75	432	14.20	6.25	INITIAL
1531	↓	6.75	1880	91	1.44	122	12.63	6.31	2
1536		6.76	1900	89	1.91	29.6	12.56	6.31	4
1541		6.77	1890	85	2.00	17.7	12.53	6.31	6
1546		6.76	1900	83	2.15	10.5	12.59	6.31	8
1551		6.77	1900	82	2.25	6.21	12.57	6.31	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____												
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					

SHIPPING METHOD: <u>FRO EX</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>8654 1657 3351</u>
COC NUMBER: <u>N/A</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/24/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: 5/24/11	BY: SM DATE: 6/15/11

SAMPLE ID: MW-29	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 08:41	DATE: 5/24/11	SAMPLE	TIME: 09:11	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	bladder		PH: 6.77 SU	CONDUCTIVITY: 1090 umhos/cm	
			ORP: -129 mV	DO: 1.01 mg/L	
DEPTH TO WATER: 5.97 T/ PVC			TURBIDITY: 1.1 NTU		
DEPTH TO BOTTOM: 11.63 T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: 21.63 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 13.42 °C	OTHER:	
VOLUME REMOVED: 10 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: CLEAR	ODOR: NONE	
COLOR: CLEAR	ODOR: No		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY			FILTRATE COLOR:	FILTRATE ODOR:	
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input checked="" type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS: Fe: -18 Al: <100 CO ₂ : 35		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
08:46	400	6.52	1090	-78	3.56	15.6	14.93	6.04	INITIAL
08:51	400	6.62	1100	-104	1.98	23.1	13.78	6.00	2L
08:56	400	6.66	1100	-112	1.53	13.1	13.60	6.04	4L
09:01	400	6.68	1100	-114	1.30	5.1	13.42	6.07	6L
09:06	400	6.73	1100	-125	1.11	1.3	13.40	6.08	8L
09:11	400	6.77	1090	-129	1.01	1.1	13.42	6.05	10L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: FedEx	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 865416573351
COC NUMBER: NA	SIGNATURE: S. P. [Signature]	DATE SIGNED: 6/13/11

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter		PREPARED		CHECKED	
PROJECT NUMBER: 01545.46.001		BY SP/MA	DATE: 5/24/11	BY: SM	DATE: 6/15/11
SAMPLE ID: MW-25R		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER			
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input checked="" type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					

PURGING		TIME: 11:20	DATE: 5/24/11	SAMPLE		TIME: 11:54	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>bladder</u>		PH: 7.27		SU		CONDUCTIVITY: 841 umhos/cm	
<input type="checkbox"/> BAILER		ORP: -111 mV		DO: 0.81 mg/L			
DEPTH TO WATER: 2.27 T/ PVC		TURBIDITY: 234 NTU		<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: 9.17 T/ PVC		TEMPERATURE: 12.01 °C		OTHER:			
WELL VOLUME: 4.26 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: Brownish 6.7		ODOR: NO			
VOLUME REMOVED: 12.5 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FILTRATE COLOR: -		FILTRATE ODOR: -	
COLOR: BLACK/BROWN		ODOR: NO		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY		DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER		COMMENTS: F ₂ : 4 Alk: 160 CO ₂ : 50			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
11:24	400	7.26	816	-68	4.85	487	15.97	2.33	INITIAL
11:29	400	7.21	879	-88	2.63	321	13.89	2.34	2L
11:34	400	7.22	877	-95	1.99	293	13.37	2.31	4L
11:39	400	7.25	897	-100	1.23	271	12.59	2.38	6L
11:44	400	7.21	848	-98	1.04	255	11.97	2.35	8L
11:49	400	7.23	844	-104	0.91	247	11.94	2.36	10L
11:54	400	7.27	841	-111	0.81	234	12.01	2.33	12L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 965416573351
COC NUMBER: NA	SIGNATURE: S. Pambly FOR	DATE SIGNED: 6/13/11

MA

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: 5/24/11
	BY: SM	DATE: 6/15/11

SAMPLE ID: MW-8	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 14:16	DATE: 5/24/11	SAMPLE	TIME: 14:46	DATE: 5/24/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP bladder			PH: 7.42 SU	CONDUCTIVITY: 833 umhos/cm	
<input type="checkbox"/> BAILER			ORP: -186 mV	DO: 1.21 mg/L	
DEPTH TO WATER: 1.98 T/ PVC			TURBIDITY: 23.8 NTU		
DEPTH TO BOTTOM: 20.23 T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: 11.33 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 11.51 °C	OTHER:	
VOLUME REMOVED: 10 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: CLEAR	ODOR: None	
COLOR: Gray	ODOR: None		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: -	FILTRATE ODOR: -	
DISPOSAL METHOD <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: Fe: <20 CO ₂ : 30 Alk: 110					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
14:16	400	7.24	729	-136	4.79	40.3	13.47	2.41	INITIAL
14:21	400	7.37	824	-166	2.75	25.4	11.99	2.45	2L
14:26	400	7.41	832	-177	2.19	24.2	11.76	2.46	4L
14:31	400	7.42	834	-182	1.67	27.2	11.53	2.45	6L
14:36	400	7.41	834	-184	1.39	24.9	11.47	2.48	8L
14:41	400	7.42	833	-186	1.21	23.8	11.51	2.46	10L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____												
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					

SHIPPING METHOD: Fed-Ex	DATE SHIPPED: 5/24/11	AIRBILL NUMBER: 865416573351
COC NUMBER: NA	SIGNATURE: S Powell for MA	DATE SIGNED: 6/15/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/24/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-305</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>15:40</u>	DATE: <u>5/24/11</u>	SAMPLE	TIME: <u>16:41</u>	DATE: <u>5/24/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>bladder</u> <input type="checkbox"/> BAILER	PH: <u>7.38</u> SU	CONDUCTIVITY: <u>916</u> umhos/cm	ORP: <u>-185</u> mV	DO: <u>0.56</u> mg/L	
DEPTH TO WATER: <u>1.71</u> T/ PVC	TURBIDITY: <u>40.2</u> NTU	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>11.85</u> T/ PVC	TEMPERATURE: <u>14.82</u> °C	OTHER: _____			
WELL VOLUME: <u>6.26</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>CLEAN</u>	ODOR: <u>NONE</u>			
VOLUME REMOVED: <u>18</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
COLOR: <u>BLACK</u> ODOR: <u>NONE</u>	FILTRATE COLOR: _____	FILTRATE ODOR: _____			
TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER	COMMENTS: <u>Fe: 18 Alk: 180 CO2: 85</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
15:51	400	7.34	938	-157	4.17	<1000	16.55	1.93	INITIAL
15:56	400	7.40	926	-184	1.76	<1000	14.79	1.91	2L
16:01	400	7.39	924	-188	1.27	928	14.57	1.95	4L
16:06	400	7.33	923	-159	1.21	780	14.60	1.93	6L
16:11	400	7.34	921	-165	1.03	468	14.71	1.94	8L
16:16	400	7.37	919	-176	0.94	243	14.79	1.95	10L
16:21	400	7.38	919	-191	0.76	131	14.84	1.96	12L
16:26	400	7.36	918	-184	0.66	43.1	14.79	1.93	14L
16:31	400	7.36	917	-183	0.63	42.2	14.75	1.92	16L
16:36	400	7.38	916	-185	0.56	40.2	14.82	1.93	18L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10 % or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N		
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N		
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N		
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N		

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/24/11</u>	AIRBILL NUMBER: <u>865416573351</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlby For MA</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/25/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-19-6R</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> VVW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>0804</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>0834</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>B100002</u>			PH: <u>6.62</u>	SU	CONDUCTIVITY: <u>1302</u> umhos/cm
<input type="checkbox"/> BAILER			ORP: <u>1</u> mV	DO: <u>3.86</u> mg/L	
DEPTH TO WATER: <u>7.00</u> T/ PVC			TURBIDITY: <u>9.5</u> NTU		
DEPTH TO BOTTOM: <u>15.45</u> T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>5.48</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>11.33</u> °C	OTHER: _____	
VOLUME REMOVED: <u>12</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>	ODOR: <u>no</u>	
COLOR: <u>Orange FLAKES</u>	ODOR: <u>NO</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
<u>827</u> TURBIDITY			FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>no</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 130 CO2: 20 Fe: 1.0</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
0804	400	6.33	1324	144	4.46	827	13.41	7.00	INITIAL
0809	↓	6.46	1320	49	3.66	80.4	11.39	7.00	2
0814	√	6.54	1307	26	3.90	41.1	11.37	7.00	4
0818		6.60	1302	11	3.95	23.4	11.34	7.00	6
0824		6.62	1304	5	3.80	14.1	11.31	7.00	8
0829		6.62	1303	2	3.68	12.0	11.32	7.00	10
0834		6.62	1302	1	3.86	9.5	11.33	7.00	12

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654 1657 3362</u>
COC NUMBER: <u>N/A</u>	SIGNATURE: <u>B Penick</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/25/11</u>
	BY: <u>sm</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-19-13</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>0910</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>1025</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Blooper</u> <input type="checkbox"/> BAILER	PH: <u>6.49</u> SU		CONDUCTIVITY: <u>976</u> umhos/cm		
DEPTH TO WATER: <u>6.05</u> TI PVC		ORP: <u>-59</u> mV		DO: <u>0.14</u> mg/L	
DEPTH TO BOTTOM: <u>14.94</u> TI PVC		TURBIDITY: <u>41.9</u> NTU			
WELL VOLUME: <u>5.76</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: <u>12.48</u> °C		OTHER: _____	
VOLUME REMOVED: <u>30</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>clr</u>		ODOR: <u>NO</u>	
COLOR: <u>Cloudy</u> ODOR: <u>NO</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
362 TURBIDITY		FILTRATE COLOR: <u>clr</u>		FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER		COMMENTS: <u>Alk: 150 CO2: 40 Fe: 10</u>			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL ORP)
0910	400	6.14	670	11	2.53	362	12.82	6.05	INITIAL
0915		6.05	668	27	1.15	325	12.04	6.90	2
0920		6.04	660	36	0.77	451	12.31	7.15	4
0925		6.08	713	37	0.55	495	12.26	7.25	6
0930		6.19	794	27	0.39	355	12.12	7.32	8
0935		6.27	851	13	0.29	246	12.15	7.32	10
0940		6.33	890	-3	0.25	189	12.24	7.32	12
0945		6.38	923	-16	0.22	140	12.15	7.32	14
0950		6.44	963	-29	0.19	96.5	12.30	7.32	16
0955		6.48	980	-40	0.18	77.4	12.29	7.32	18

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10 % or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654 1657 3362</u>
COC NUMBER: <u>N/A</u>	SIGNATURE: <u>S Pawlenty</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/25/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>ATM-01</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>NA</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>NA</u>	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input checked="" type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1050</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C OTHER: _____		
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____ ODOR: _____		
COLOR: _____ ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____ FILTRATE ODOR: _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>9654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pauling</u>	DATE SIGNED: <u>5/25/11</u>

Dup-03

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: 5/25/11	BY: SM DATE: 6/15/11

SAMPLE ID: MW-19-712	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1117	DATE: 5/25/11	SAMPLE	TIME: 1142	DATE: 5/25/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Blooderc</u> <input type="checkbox"/> BAILER			PH: <u>6.54</u> SU	CONDUCTIVITY: <u>1870</u> umhos/cm	
			ORP: <u>-65</u> mV	DO: <u>2.30</u> mg/L	
DEPTH TO WATER: <u>6.75</u> TI PVC			TURBIDITY: <u>5.24</u> NTU		
DEPTH TO BOTTOM: <u>15.53</u> TI PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>569</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>12.14</u> °C OTHER:		
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u> ODOR: <u>NO</u>		
COLOR: <u>clr</u> ODOR: <u>NO</u>			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
123 TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <u>clr</u> FILTRATE ODOR: <u>NO</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input checked="" type="checkbox"/> DUP- <u>03</u>		
COMMENTS: <u>Alk: 150 CO2, 35 Fe, 14</u>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1117	400	6.08	824	47	3.74	123	15.16	6.75	INITIAL
1122	↓	6.00	1296	31	2.62	108	12.44	6.77	2
1127		6.38	1760	-22	2.36	24.7	12.21	6.77	4
1132		6.50	1830	-49	2.59	8.49	12.19	6.77	6
1137		6.52	1860	-59	2.51	8.08	12.12	6.77	8
1142		6.54	1870	-65	2.30	5.24	12.14	6.77	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
42	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	42	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
42	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	21	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
21	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
21	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
21	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Proflex</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>9654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Peabody</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/25/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-19-SR</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1223</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>1248</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bladder</u> <input type="checkbox"/> BAILER	PH: <u>6.47</u> SU	CONDUCTIVITY: <u>1322</u> umhos/cm	ORP: <u>-54</u> mV	DO: <u>2.02</u> mg/L	
DEPTH TO WATER: <u>6.85</u> T/ PVC	TURBIDITY: <u>7.60</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>15.83</u> T/ PVC	TEMPERATURE: <u>11.89</u> °C	OTHER: _____			
WELL VOLUME: <u>5.82</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
COLOR: <u>clr</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>			
<u>20.6</u> TURBIDITY <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 250 Coc: 70 Fe: >20</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
1223	400	6.52	1099	-24	2.91	20.6	15.10	6.85	INITIAL
1228	↓	6.44	1139	-26	1.96	23.1	12.07	6.85	2
1233		6.45	1194	-34	2.03	20.4	12.06	6.85	4
1238		6.46	1281	-44	0.97	15.5	12.02	6.85	6
1243		6.47	1310	-50	2.10	9.77	11.90	6.85	8
1248		6.47	1322	-54	2.02	7.60	11.89	6.85	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____											
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED			NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N		2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N		1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N						<input type="checkbox"/> Y	<input type="checkbox"/> N	

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlik</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: 5/24/11
	BY: SM	DATE: 6/15/11

SAMPLE ID: MW-273	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 5:57	DATE: 5/24/11	SAMPLE	TIME: 1425	DATE: 5/25/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PH: 7.81	SU	CONDUCTIVITY: 948	umhos/cm	
	ORP: -66	mV	DO: 4.07	mg/L	
DEPTH TO WATER: 6.45	T/ PVC		TURBIDITY: 12.5	NTU	
DEPTH TO BOTTOM: 12.90	T/ PVC		<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: 4.18	<input checked="" type="checkbox"/> LITERS	<input type="checkbox"/> GALLONS	TEMPERATURE: 13.06	°C	
VOLUME REMOVED: 6	<input checked="" type="checkbox"/> LITERS	<input type="checkbox"/> GALLONS	COLOR: CLR	ODOR: NO	
COLOR: MURKY	ODOR: NONE		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: CLR	FILTRATE ODOR: NO	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: Alk: 150 Coc: 10 Pe: 0.0					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
6:02	400	8.73	897	-118	4.40	5.2	13.31	8.97	INITIAL
6:07	400	8.60	884	-111	4.04	10.6	12.88	9.95	2L
6:12	400	8.56	899	-112	9.01	12.8	14.33	10.80	4L
6:17	400	7.81	948	-66	4.07	12.5	13.06	11.18	6L
1425	5/25/11	Sample							

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>Feeder</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>9634 1857 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Panchy</u>	DATE SIGNED: <u>5/25/11</u>

Dup-02

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/25/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-30</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>8:24</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>09:02</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bladder</u> <input type="checkbox"/> BAILER	PH: <u>6.99</u> SU	CONDUCTIVITY: <u>846</u> umhos/cm	ORP: <u>-176</u> mV	DO: <u>0.88</u> mg/L	
DEPTH TO WATER: <u>1.44</u> T/ PVC	TURBIDITY: <u>42.7</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>17.91</u> T/ PVC	TEMPERATURE: <u>12.53</u> °C	OTHER: _____			
WELL VOLUME: <u>10.71</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>CLEAR</u>	ODOR: <u>NONE</u>			
VOLUME REMOVED: <u>12</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FILTRATE COLOR: _____ FILTRATE ODOR: _____			
COLOR: <u>CLOUDY GRAY</u> ODOR: <u>NONE</u>	QC SAMPLE: <input type="checkbox"/> MS/MSD <input checked="" type="checkbox"/> DUP- <u>CO1</u> <u>Dup-02-sm</u>	COMMENTS: <u>Fe: 12 CO₂: 35 ALK: 150</u>			
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
8:28	400	6.70	842	-131	7.92	173	14.97	1.68	INITIAL
8:33	400	6.80	860	-142	2.35	168	13.13	1.67	2L
8:38	400	6.88	857	-158	1.60	104	12.84	1.69	4L
8:43	400	6.99	850	-164	1.23	71.6	12.91	1.65	6L
8:48	400	6.92	848	-169	0.99	50.1	12.90	1.67	8L
8:53	400	6.99	849	-172	0.85	45.9	12.89	1.65	10L
8:58	400	6.99	846	-176	0.88	42.7	12.93	1.68	12L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____												
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
11	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	24	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
24	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	12	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
12	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
12	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
12	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>86516573362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawling FOR MA</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: 05/23/11	BY: SM DATE: 6/15/11

SAMPLE ID: MW-30-d	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 09:49	DATE: 5/25/11	SAMPLE	TIME: 10:29	DATE: 05/25/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	Bladder		PH: 7.33 SU	CONDUCTIVITY: 540 umhos/cm	
			ORP: -53 mV	DO: 8.11 mg/L	
DEPTH TO WATER: X T/ PVC			TURBIDITY: 31.2 NTU		
DEPTH TO BOTTOM: X T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 12.79 °C	OTHER:	
VOLUME REMOVED: <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: Clear	ODOR: None	
COLOR: Orange/Brown with black debris	ODOR: NONE		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY			FILTRATE COLOR:	FILTRATE ODOR:	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input checked="" type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: Fe: 0.4 CO ₂ : 12 Alk: 110					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
09:51	400	6.74	700	51	4.31	270	15.78		INITIAL
09:52	400	6.91	487	20	2.45	421	14.49		2L
10:01	400	7.22	493	-32	6.85	244	12.40		4L
10:06	400	7.35	496	-33	6.84	68.7	12.37		6L
10:11	400	7.32	531	-29	8.14	30.8	12.21		8L
10:16	400	7.29	536	-45	8.09	29.9	12.70		10L
10:21	400	7.33	540	-53	8.11	31.2	12.29		12L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100 ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -												
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
24	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	24	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
24	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	12	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
12	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
12	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
12	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					

SHIPPING METHOD: Fed-Ex	DATE SHIPPED: 5/26/11	AIRBILL NUMBER: 925416573362
COC NUMBER: MA	SIGNATURE: S Pawlby FOR MA	DATE SIGNED: 6/13/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/25/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-28-5</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>12:01</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>12:46</u>	DATE: <u>5/24/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bladder</u> <input type="checkbox"/> BAILER	PH: <u>7.18</u>	SU	CONDUCTIVITY: <u>510</u>	umhos/cm	
DEPTH TO WATER: <u>4.01</u> T/ PVC	ORP: <u>-206</u> mV	DO: <u>2.11</u> mg/L	TURBIDITY: <u>5.6</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
DEPTH TO BOTTOM: <u>17.49</u> T/ PVC	TEMPERATURE: <u>12.88</u> °C	OTHER:	COLOR: <u>clr</u>	ODOR: <u>slight</u>	
WELL VOLUME: <u>9.47</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>no</u>		
VOLUME REMOVED: <u>14</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-	COMMENTS: <u>Fe:12 Alk:110 CO2:20</u>			
COLOR: <u>DARK GRAY</u> ODOR: <u>Slight</u>	TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
12:07	400	6.93	521	-148	5.02	73.9	18.12	4.21	INITIAL
12:12	400	7.18	510	-188	4.51	231	14.39	4.23	2L
12:17	400	7.20	511	-198	3.37	116	13.56	4.25	4L
12:22	400	7.18	511	-207	3.43	64.3	13.41	4.26	6L
12:27	400	7.19	509	-202	2.91	30.2	13.35	4.25	8L
12:32	400	7.19	510	-204	2.93	9.8	13.23	4.27	10L
12:37	400	7.21	509	-201	2.32	9.2	13.09	4.25	12L
12:42	400	7.18	510	-206	2.11	5.6	12.88	4.27	14L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654165736</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Paulding For</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/25/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-28-i</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>13:44</u>	DATE: <u>5/25/11</u>	SAMPLE	TIME: <u>14:10</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bladder</u> <input type="checkbox"/> BAILER	PH: <u>7.32</u> SU	CONDUCTIVITY: <u>528</u> umhos/cm	ORP: <u>-206</u> mV	DO: <u>0.44</u> mg/L	
DEPTH TO WATER: <u>3.98</u> T/ PVC	TURBIDITY: <u>6-8</u> NTU		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
DEPTH TO BOTTOM: <u>22.65</u> T/ PVC	WELL VOLUME: <u>11.52</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	TEMPERATURE: _____ °C	OTHER: _____		
VOLUME REMOVED: <u>18L</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>CLEAR</u>	ODOR: <u>None</u>	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
COLOR: <u>Brown</u> ODOR: <u>No</u>	FILTRATE COLOR: _____	FILTRATE ODOR: _____	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
TURBIDITY <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER				
COMMENTS: <u>Fe: 9 CO₂: 20 Alk: 120</u>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
13:22	400	7.14	540	-158	4.15	169	16.65	4.15	INITIAL
13:27	400	7.22	522	-189	1.86	294	14.09	4.17	2 L
13:32	400	7.27	523	-198	1.39	221	13.88	4.15	4 L
13:37	400	7.28	526	-202	1.03	143	13.92	4.15	6 L
13:42	400	7.29	526	-203	0.84	90.8	13.77	4.17	8 L
13:47	400	7.30	529	-207	0.71	60.8	13.72	4.18	10 L
13:52	400	7.29	528	-207	0.60	34.2	13.72	4.17	12 L
13:57	400	7.32	528	-205	0.54	7.6	13.72	4.18	14 L
14:02	400	7.31	527	-208	0.49	7.1	13.68	4.16	16 L
14:07	400	7.32	528	-206	0.44	6.8	13.65	4.17	18 L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>865416573362</u>
COC NUMBER: <u>MA</u>	SIGNATURE: <u>S. Pomeroy FOR</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: <u>LE Carpenter</u>	PREPARED	CHECKED
PROJECT NUMBER: <u>01545.46.001</u>	BY <u>SP/MA</u> DATE: <u>5/25/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>12B-01</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>NA</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>NA</u>	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input checked="" type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1530</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C OTHER: _____		
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____ ODOR: _____		
COLOR: _____ ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____ FILTRATE ODOR: _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	125 mL	PLASTIC	G	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>9654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Penabaz</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/25/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>RB-02 RB-03</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>NA</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>NA</u>	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input checked="" type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1545</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
	TURBIDITY		FILTRATE COLOR: _____	FILTRATE ODOR: _____	
	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
<i>Please Blank, pump used in Mul9487 Area.</i>									
<i>Serial # 11712</i>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pennington</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/25/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>123-02</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>NO</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>NA</u>	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input checked="" type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1555</u>	DATE: <u>5/25/11</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
Rinse Borate on pump used in MW30 Area. Serial # 14786									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500mL	PLASTIC	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>5/25/11</u>	AIRBILL NUMBER: <u>8654 1657 3362</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Rowling</u>	DATE SIGNED: <u>5/25/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter		PREPARED		CHECKED	
PROJECT NUMBER: 01545.46.001		BY SP/MA	DATE: 5/23/11	BY: SM	DATE: 6/15/11
SAMPLE ID: MW-355		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER			
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					

PURGING		TIME: 014:34	DATE: 5/23/11	SAMPLE		TIME: 09:14	DATE: 5/26/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>peristaltic</u> <input type="checkbox"/> BAILER		PH: 6.58 SU		CONDUCTIVITY: 1050 umhos/cm		ORP: -61 mV	
DEPTH TO WATER: 4.66 T/ PVC		TURBIDITY: 30.4 NTU		<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		TEMPERATURE: 12.91 °C	
DEPTH TO BOTTOM: — T/ PVC		WELL VOLUME: — <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>clear</u>		ODOR: <u>yes</u>	
VOLUME REMOVED: 10 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>Oily Sheen / CLEAR</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		FILTRATE COLOR: —	
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER		COMMENTS: Fe: >20 CO ₂ : 250 AIR: 160		FILTRATE ODOR: —	
QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-							

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
14:36	400	5.90	869	34	5.24	74.1	20.62	4.06	INITIAL
14:43	400	6.51	976	19	5.98	21.0	13.47	6.46	2L
14:48	400	6.69	993	-3	4.71	7.3	12.71	7.05	4L
14:53	400	6.54	1030	-47	4.13	39.5	12.97	9.31	6L
14:58	400	6.58	1050	-61	3.90	30.4	12.91	9.65	10L
Well Ran Dry at 15:00 on 5/23/11 Sampled at 09:14 on 5/26/11									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/26/11</u>	AIRBILL NUMBER: <u>865446573373</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlby for MA</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: 5/23/11
	BY: sm	DATE: 6/15/11

SAMPLE ID: MW-34	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 15:10	DATE: 5/23/11	SAMPLE	TIME: 09:52	DATE: 6/26/11
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	peristaltic		PH: 6.76	SU	CONDUCTIVITY: 957 umhos/cm
			ORP: -131 mV	DO: 3.20	mg/L
DEPTH TO WATER: 4.45 T/ PVC			TURBIDITY: 1 NTU		
DEPTH TO BOTTOM: — T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: — LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 12.35 °C	OTHER: —	
VOLUME REMOVED: 10 LITERS <input checked="" type="checkbox"/> GALLONS			COLOR: clr	ODOR: slight	
COLOR: Slight Oily Sheen	ODOR: Slight		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: —	FILTRATE ODOR: —	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: Fe: 7 CO: 50 Alk: 300 300					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF ^(L))
15:14	400	9.71	919	149	6.04	21.4	15.70	4.45	INITIAL
15:19	400	6.80	956	-104	4.01	11.2	12.74	5.89	2 L
15:24	400	6.74	997	-131	3.41	2.9	12.55	6.38	4 L
15:29	400	6.74	954	-122	3.16	1.3	12.97	7.51	6 L
15:34	400	6.75	1000	-127	3.11	1.5	12.75	8.70	8 L
15:39	400	6.76	957	-131	3.20	1.0	12.35	9.77	10 L
Pumped dry at 15:42 on 5/23/11									
Sampled at 09:52 on 5/26/11									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: Fed-Ex	DATE SHIPPED: 5/26/11	AIRBILL NUMBER: 8654153373
COC NUMBER: NA	SIGNATURE: S Paulby For MA	DATE SIGNED: 6/13/11

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA	DATE: <u>5/23/11</u>
	BY: <u>SM</u>	DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-30</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>5:15:49</u>	DATE: <u>5/23/11</u>	SAMPLE	TIME: <u>10:25</u>	DATE: <u>5/26/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PH: <u>6.77</u> SU		CONDUCTIVITY: <u>1230</u> umhos/cm		
DEPTH TO WATER: <u>10.2</u> T/ PVC	ORP: <u>-153</u> mV		DO: <u>3.23</u> mg/L		
DEPTH TO BOTTOM: <u>—</u> T/ PVC	TURBIDITY: <u>12.2</u> NTU				
WELL VOLUME: <u>—</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		TEMPERATURE: <u>12.92</u> °C		
VOLUME REMOVED: <u>6</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>		ODOR: <u>yes</u>		
COLOR: <u>CLEAN BLACK DEBRIS</u>	ODOR: <u>Yes</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: <u>—</u>		FILTRATE ODOR: <u>—</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
COMMENTS: <u>Fe: 12 CO₂: 70 Alk: 350</u>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
<u>05:31</u>	<u>400</u>	<u>6.71</u>	<u>1180</u>	<u>-161</u>	<u>4.14</u>	<u>11.7</u>	<u>14.06</u>	<u>4.89</u>	INITIAL
<u>15:36</u>	<u>400</u>	<u>6.81</u>	<u>1210</u>	<u>-131</u>	<u>3.71</u>	<u>27.8</u>	<u>13.60</u>	<u>6.58</u>	<u>2L</u>
<u>16:01</u>	<u>400</u>	<u>6.75</u>	<u>1220</u>	<u>-144</u>	<u>3.81</u>	<u>9.2</u>	<u>13.15</u>	<u>8.11</u>	<u>4L</u>
<u>16:06</u>	<u>400</u>	<u>6.77</u>	<u>1230</u>	<u>-153</u>	<u>3.23</u>	<u>12.2</u>	<u>12.92</u>	<u>9.50</u>	<u>6L</u>
Well ran dry at 16:07 on 5/23/11 Sampled at 10:25 on 5/23/11									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/26/11</u>	AIRBILL NUMBER: <u>8654165 73373</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>B Paulking FOR MA</u>	DATE SIGNED: <u>6/13/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/23/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-33</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>5/23/11</u>	DATE: <u>16:09</u>	SAMPLE	TIME: <u>11:04</u>	DATE: <u>5/26/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>peristaltic</u> <input type="checkbox"/> BAILER	PH: <u>6.98</u> SU	CONDUCTIVITY: <u>1130</u> umhos/cm	ORP: <u>-121</u> mV	DO: <u>2.44</u> mg/L	
DEPTH TO WATER: <u>5.49</u> T/ PVC	TURBIDITY: <u>29.7</u> NTU		<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
DEPTH TO BOTTOM: <u>—</u> T/ PVC	WELL VOLUME: <u>—</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	TEMPERATURE: <u>11.97</u> °C	OTHER: <u>—</u>		
VOLUME REMOVED: <u>6</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>yes</u>			
COLOR: <u>CLEAR w Oily Sheen</u>	ODOR: <u>Yes</u>	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
TURBIDITY <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: <u>—</u>	FILTRATE ODOR: <u>—</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-	COMMENTS: <u>Fe: 16 CO₂: 70 Alk: 350</u>		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
16:13	400	7.26	1000 1000	-92	7.41	34.4	13.02	5.49	INITIAL
16:14	400	6.96	1130 1130	-116	4.58	117	12.71	6.88	2L
16:23	400	7.00	1000 1000	-114	2.83	23.8	12.03	9.55	4L
16:28	400	6.98	1130 1130	-121	2.44	29.7	11.97	10.11	6L
Well pumped dry at 16:28 on 5/23/11 Sampled at 11:04 on 5/23/11									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/26/11</u>	AIRBILL NUMBER: <u>965416513373</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pauley for [initials]</u>	DATE SIGNED: <u>5/23/11</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 01545.46.001	BY SP/MA DATE: <u>5/23/11</u>	BY: <u>SM</u> DATE: <u>6/15/11</u>

SAMPLE ID: <u>MW-31</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>5/23/11 16:30</u> DATE: <u>5/23/11</u>	SAMPLE	TIME: <u>08:13</u> DATE: <u>5/26/11</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>peristaltic</u> <input type="checkbox"/> BAILER	PH: <u>9.70</u> SU	CONDUCTIVITY: <u>922</u> umhos/cm	ORP: <u>-211</u> mV
DEPTH TO WATER: <u>5.02</u> T/ PVC	TURBIDITY: <u>15.2</u> NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
DEPTH TO BOTTOM: <u>—</u> T/ PVC	TEMPERATURE: <u>12.43</u> °C	OTHER: <u>—</u>	
WELL VOLUME: <u>—</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>Strong</u>	
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FILTRATE COLOR: <u>—</u> FILTRATE ODOR: <u>—</u>	
COLOR: <u>CLEAR with Shuen</u> ODOR: <u>Strong</u>	TURBIDITY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- <u>—</u>	
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	DISPOSAL METHOD: <input type="checkbox"/> GROUND <input checked="" type="checkbox"/> DRUM <input type="checkbox"/> OTHER	COMMENTS: <u>Fe:0.2 CO₂:0 Alk:140</u>	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
<u>16:35</u>	<u>400</u>	<u>9.70</u>	<u>1120</u>	<u>-171</u>	<u>3.91</u>	<u>9.9</u>	<u>13.71</u>	<u>5.02</u>	INITIAL
<u>16:40</u>	<u>400</u>	<u>10.29</u>	<u>1140</u>	<u>-203</u>	<u>2.49</u>	<u>3.3</u>	<u>12.82</u>	<u>5.81</u>	<u>2L</u>
<u>16:45</u>	<u>400</u>	<u>10.11</u>	<u>991</u>	<u>-233</u>	<u>2.45</u>	<u>4.0</u>	<u>12.69</u>	<u>6.85</u>	<u>4L</u>
<u>16:50</u>	<u>400</u>	<u>9.58</u>	<u>945</u>	<u>-230</u>	<u>2.61</u>	<u>2.6</u>	<u>12.74</u>	<u>7.45</u>	<u>6L</u>
<u>16:55</u>	<u>400</u>	<u>9.59</u>	<u>911</u>	<u>-227</u>	<u>2.22</u>	<u>1.8</u>	<u>12.60</u>	<u>8.31</u>	<u>8L</u>
<u>17:00</u>	<u>400</u>	<u>9.70</u>	<u>922</u>	<u>-211</u>	<u>3.00</u>	<u>15.2</u>	<u>12.43</u>	<u>9.48</u>	<u>10L</u>
Well pumped dry at <u>17:03</u> on <u>5/23/11</u> Sampled at <u>08:13</u> on <u>5/26/11</u>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- NA D.O.: +/- 0.3 TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 ml	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	500mL	PLASTIC	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Fed-Ex</u>	DATE SHIPPED: <u>5/26/11</u>	AIRBILL NUMBER: <u>965416573373</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlby</u>	DATE SIGNED: <u>6/13/11</u>

Client Name: **RMT, Inc**
 Contact Person: **SCOTT PAWLIKOWICZ**
 Mailing Address: **2025 E BELTLINE AVE. SE SIE 402**
 City, State, Zip Code: **Grand Rapids MI 49546**
 Phone: **616 975 5415** Fax: **616 975 1098**
 Email Address: **Scott.pawlikowicz@rmtinc.com**
 Cell #: **616 915 3604** Sampled by: **SP/MA**

Project Name & #: **01545.46.001**
 Billing Address (if different):
 City, State, Zip Code: **MADISON, WI**
 Attn:
 Phone: PO #:

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS
	5/23/11	1443	-	DEC-02	W	2
	5/23/11	1448	-	SW-D-5	W	2
	5/23/11	1505	-	SW-R-1	W	2
	5/23/11	1515	-	SW-R-2	W	2
	5/23/11	1525	-	SW-R-3	W	2
	5/23/11	1535	-	SW-R-4	W	2
	5/23/11	1555	-	SW-D-4	W	2
	5/23/11	1610	-	SW-R-6	W	2
	5/23/11	1650	-	SW-D-3	W	2
	5/23/11	1705	-	SW-D-2	W	2

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	Scott Pawlikowicz	FloEx	5/24/11	1900	3)				
2)					4)				

Request for Analytical Services

Report Results To:

ANALYSIS REQUESTED

Regulatory Requirements: MERA TMDL's Drinking Water NPDES USACE Special

Turnaround Requirements: Standard 3-4 Day (RUSH)* 24-48 Hour (RUSH)* * Requires prior approval

Matrix Key: S = Soil, W = Water, SE = Sediment, OI = Oil, SO = Solid Waste

WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water, SL = Sludge

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time:

Received on ice: Yes No Preservative Checked: Yes No N/A

Logged By: Checked By:

REMARKS

Possible Health Hazard

BRX DRAP
 ALL TPC
 NOX/50/155/105
 WAB/D/155/105
 DIS DP



phone 231.773-5998
toll-free 800-733-5998
fax 231-773-6537

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

TRACE ID NO.

Client Name: RMT, INC.
 Contact Person: Scott Pawlukiewicz
 Mailing Address: 2025 E. BERTINE AVE. SE Ste. 402
 City, State, Zip Code: Grand Rapids MI 49516
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: Scott.Pawlukiewicz@rmtinc.com
 Cell #: 616 915 3604 Sampled by: SP/MA
 Project Name & #: 01545-46.001 / LEC

Billing Address (if different) Manisaw, WI
 City, State, Zip Code
 Attn: _____ Phone: _____ PO #: _____

Report Results To: _____

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time:

Regulatory Requirements: MERA TMDL's Turnaround Requirements: Standard 3-4 Day (RUSH)* 24-48 Hour (RUSH)* * Requires prior approval

Matrix Key: S = Soil, W = Water, SE = Sediment, OI = Oil, SO = Solid Waste

WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water, SL = Sludge

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBERS OF CONTAINERS	DEAR	CLP	HOC	COM/SOL/TSS/TDS	MA/PB	REMARKS
	5/23/11	1720	-	SW-D-1	W	8						
	5/23/11		-	DUP-01	W	4						MS/MSD
	5/24/11	0855	g	MW-19-12	W	10	2	2	1	1	1	
	5/24/11	1043	g	MW-19-17	W	10	2	2	1	1	1	
	5/24/11	1248	g	MW-19-15	W	10	2	2	1	1	1	
	5/24/11	1352	g	MW-19-16	W	10	2	2	1	1	1	
	5/24/11	1453	g	MW-19-14	W	10	2	2	1	1	1	
	5/24/11	1551	g	MW-19R	W	10	2	2	1	1	1	
	5/24/11	0915	g	MW-29S	W	10	2	2	1	1	1	
		1446	g	MW-8	W	10	2	2	1	1	1	

ANALYSIS REQUESTED

Request for Analytical Services

RELEASED BY	RECEIVED BY	DATE	TIME	Item #
	Fedex	5/24/11	1900	3)
				4)

Possible Health Hazard

In acknowledgment of the terms and conditions of the agreement as set forth at http://www.trace-labs.com/coctrms.php

phone 231-773-5998
toll-free 800-733-5998
fax 231-773-6537

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Client Name: KMT, Inc.
 Contact Person: Scott Pawlukiewicz
 Mailing Address: 2025 E. BELTLINE AVE. SE SIK 402
 City, State, Zip Code: Grand Rapids, MI 49546
 Phone: 616 975 5415 Fax: 616 975 1018
 Email Address: Scott.pawlukiewicz@kmtinc.com
 Cell #: 616 915 3604 Sampled by: SP/MA
 Project Name & #: 01545-46.001 / LEC

Billing Address (if different):
 City, State, Zip Code: Madison, WI Phone: _____ PO #: _____
 Attn: _____

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	RELEASED BY	RECEIVED BY	DATE	TIME	Item #
	5/24/11	1158	g	MW-25 (R)	W	10					
	5/24/11	1611	g	MW-30 S	W	10					
	5/24/11			TR-01	W	1					

ED BY
Pawlukiewicz
 RECEIVED BY
FroEx
 DATE
5/24/11
 TIME
1900

TRACE USE ONLY

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____

Regulatory Requirements: MERA TMDLs Drinking Water NPDES USACE Special

Turnaround Requirements: Standard 3-4 Day (RUSH)* 24-48 Hour (RUSH)* * Requires prior approval

Matrix Key: S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

ANALYSIS REQUESTED

ANALYSIS REQUESTED	REMARKS
DEAP	
CIA	
IPC	
W3/50/TS/TS	
W3/50/TS/TS	
DIS 96	

Possible Health Hazard

19 20 85

Client Name: RAT, Inc.
 Contact Person: Scott Pawlowski
 Mailing Address: 2025 E. Beeline Ave. SE Ste 402
 City, State, Zip Code: Grand Rapids MI 49506
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: Scott.pawlowski@ratinc.com
 Cell #: 616 915 3604 Sampled by: SP/MA
 Project Name & #: OISUS.46.001 / LEC
 Billing Address (if different): _____
 City, State, Zip Code: Madison, WI Phone: _____ PO #: _____
 Attn: _____

Logged By: _____ Checked By: _____
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____

TRACE USE ONLY

Regulatory Requirements: MERA TMDL's Drinking Water NPDES USACE Special

Turnaround Requirements: Standard 3-4 Day (RUSH)* 24-48 Hour (RUSH)*
 * Requires prior approval

Matrix Key: S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste
 WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBERS OF CONTAINERS	REMARKS
	5/25/11	0834	y	MW-19-6R	W	10	
	5/25/11	1025	y	MW-19-13	W	10	
	5/25/11	1050	N	ATM-01	W	10	
	5/25/11	1142	y	MW-19-7R	W	10	
	5/25/11	1248	y	MW-19-5R	W	10	
	5/25/11	1425	y	MW-27s	W	10	
	5/25/11	0902	y	MW-30i	W	10	
	5/25/11	1028	y	MW-30D	W	20	
	5/25/11	1246	y	MW-28s	W	10	
	5/25/11	1410	y	MW-28i	W	10	

RECEIVED BY: Scott Pawlowski DATE: 5/25/11 TIME: 1745

RELEASED BY: _____ RECEIVED BY: _____ DATE: _____ TIME: _____

Item # 2) 3) 4)

Request for Analytical Services

Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1	<u>Scott Pawlowski</u>	<u>Scott Pawlowski</u>	<u>5/25/11</u>	<u>1745</u>
2				
3				
4				

RECEIVED BY: _____ DATE: _____ TIME: _____

CHAIN-OF-CUSTODY RECORD

phone 231-773-5998
 toll-free 800-733-5998
 fax 231-773-6537



Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673
 www.trace-labs.com

TRACE ID NO.

Page 2 of 2

Client Name: RMT, Inc.
 Contact Person: Scott Pawlukiewicz
 Mailing Address: 2025 E. Beulah Ave. SE Ste. 402
 City, State, Zip Code: Grand Rapids MI 49546
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: Scott.pawlukiewicz@rmtinc.com
 Cell #: 616 975 3604 Sampled by: SP/MA

Project Name & #: 015US-46.001 / LEC
 Billing Address (if different) Marion, WI
 City, State, Zip Code _____
 Attn: _____ Phone: _____ PO #: _____

Logged By: _____ Checked By: _____
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____

Regulatory Requirements: MERA TMDL's Drinking Water NPDES USACE Special
 Turnaround Requirements: Standard 3-4 Day (RUSH)* 24-48 Hour (RUSH)* * Requires prior approval
 Matrix Key: WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water, SL = Sludge

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBERS OF CONTAINERS	REMARKS
	5/25/11	1530	-	RB-01	w	4	
	5/25/11	1545	N	RB-03	w	10	Trace Pb
	5/25/11	1555	N	RB-02	w	10	Trace Pb
	5/25/11	-	Y	Dup-02	w	10	
	5/25/11	-	Y	Dup-03	w	10	
	5/25/11	-	-	TB-02	w	1	

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<u>B. Pawlukiewicz</u>	<u>Feofx</u>	<u>5/25/11</u>	<u>1745</u>	3)				
2)					4)				

In executing this Chain of Custody, the client acknowledges acceptance of the terms and conditions of the agreement as set forth at <http://www.trace-labs.com/coctrms.php>

60 of 61

Client Name: RAT, Inc.
 Contact Person: Scott Pawlukiewicz
 Mailing Address: 2025 E. Beulah Ave SE Ste 402
 City, State, Zip Code: Bono Rapids, MI 49506
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: Scott.Pawlukiewicz@rmtinc.com
 Project #: 01545 46001 PO #: Trace Quote #:
 Project Name: LEC Sampled by: Sp/MA
 Billing Address (if different): _____
 City, State, Zip Code: Moson, WI
 Attn: _____ Phone: _____ Fax: _____

Checked By: _____
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements: MERA TMDLs Drinking Water NPDES USACE Special
 Turnaround Requirements: Standard (2 wk) * 5 Day * 2-4 Day (RUSH) * 24 Hour (RUSH) * Requires prior approval
 Matrix Key: S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste
 WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	REMARKS
	5/26/11	0813	g	MW-31s	W	10						
	5/26/11	0914	g	MW-35s	W	10						
	5/26/11	0952	g	MW-34s	W	10						
	5/26/11	1028	g	MW-32s	W	10						
	5/26/11	1104	g	MW-33s	W	10						
	5/27/11	---	---	TS-03	W	1						

Report Results To: _____
 Request for Analytical Services
 Please Sign: _____
 Item # 2) 3) 4)
 RECEIVED BY: _____
 DATE: _____
 TIME: _____

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

61 OF 61

Appendix B

2nd Quarter 2011 Laboratory Analytical Reports

June 07, 2011

Mr. Barry Culp
RMT, Inc.
30 Patewood Dr.
Greenville, SC 29680

Phone: (864) 234-9350
Fax: (864) 281-0288

RE: Trace Project T11E273
Client Project LEC / 01545.46.001

Dear Mr. Culp:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,



Jon Mink
Project Manager

Enclosures



NJDEP Accreditation No. MI008 PADEP Accreditation No. 68-04471

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

SAMPLE SUMMARY

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T11E273-01	DRC-02	Surface Water	sp/ma	05/23/11 14:43	05/25/11 11:05
T11E273-02	SW-D-5	Surface Water	sp/ma	05/23/11 14:48	05/25/11 11:05
T11E273-03	SW-R-1	Surface Water	sp/ma	05/23/11 15:05	05/25/11 11:05
T11E273-04	SW-R-2	Surface Water	sp/ma	05/23/11 15:15	05/25/11 11:05
T11E273-05	SW-R-3	Surface Water	sp/ma	05/23/11 15:25	05/25/11 11:05
T11E273-06	SW-R-4	Surface Water	sp/ma	05/23/11 15:35	05/25/11 11:05
T11E273-07	SW-D-4	Surface Water	sp/ma	05/23/11 15:55	05/25/11 11:05
T11E273-08	SW-R-6	Surface Water	sp/ma	05/23/11 16:10	05/25/11 11:05
T11E273-09	SW-D-3	Surface Water	sp/ma	05/23/11 16:50	05/25/11 11:05
T11E273-10	SW-D-2	Surface Water	sp/ma	05/23/11 17:05	05/25/11 11:05
T11E273-11	SW-D-1	Surface Water	sp/ma	05/23/11 17:20	05/25/11 11:05
T11E273-12	DUP-01	Surface Water	sp/ma	05/23/11	05/25/11 11:05
T11E273-13	MW-19-12	Ground Water	sp/ma	05/24/11 08:55	05/25/11 11:05
T11E273-14	MW-19-17	Ground Water	sp/ma	05/24/11 10:43	05/25/11 11:05
T11E273-15	MW-19-15	Ground Water	sp/ma	05/24/11 12:48	05/25/11 11:05
T11E273-16	MW-19-16	Ground Water	sp/ma	05/24/11 13:52	05/25/11 11:05
T11E273-17	MW-19-14	Ground Water	sp/ma	05/24/11 14:53	05/25/11 11:05
T11E273-18	MW-19R	Ground Water	sp/ma	05/24/11 15:51	05/25/11 11:05
T11E273-19	MW-29S	Ground Water	sp/ma	05/24/11 09:15	05/25/11 11:05
T11E273-20	MW-8	Ground Water	sp/ma	05/24/11 14:46	05/25/11 11:05
T11E273-21	MW-25 (R)	Ground Water	sp/ma	05/24/11 11:58	05/25/11 11:05
T11E273-22	MW-30S	Ground Water	sp/ma	05/24/11 16:41	05/25/11 11:05
T11E273-23	TB-01	Ground Water	sp/ma	05/17/11	05/25/11 11:05
T11E273-24	MW-19-6R	Ground Water	sp/ma	05/25/11 08:34	05/26/11 10:23
T11E273-25	MW-19-13	Ground Water	sp/ma	05/25/11 10:25	05/26/11 10:23
T11E273-26	ATM-01	Ground Water	sp/ma	05/25/11 10:50	05/26/11 10:23
T11E273-27	MW-19-7R	Ground Water	sp/ma	05/25/11 11:42	05/26/11 10:23
T11E273-28	MW-19-5R	Ground Water	sp/ma	05/25/11 12:48	05/26/11 10:23
T11E273-29	MW-27S	Ground Water	sp/ma	05/25/11 14:25	05/26/11 10:23
T11E273-30	MW-30i	Ground Water	sp/ma	05/25/11 09:02	05/26/11 10:23
T11E273-31	MW-30d	Ground Water	sp/ma	05/25/11 10:28	05/26/11 10:23
T11E273-32	MW-28s	Ground Water	sp/ma	05/25/11 12:46	05/26/11 10:23
T11E273-33	MW-28i	Ground Water	sp/ma	05/25/11 14:10	05/26/11 10:23
T11E273-34	RB-01	Surface Water	sp/ma	05/25/11 15:30	05/26/11 10:23
T11E273-35	RB-03	Ground Water	sp/ma	05/25/11 15:45	05/26/11 10:23
T11E273-36	RB-02	Ground Water	sp/ma	05/25/11 15:55	05/26/11 10:23
T11E273-37	Dup-02	Ground Water	sp/ma	05/25/11	05/26/11 10:23

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the science of compliance

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T11E273-38	Dup-03	Ground Water	sp/ma	05/25/11	05/26/11 10:23
T11E273-39	Trip Blank	Surface Water	sp	05/17/11	05/26/11 10:23
T11E273-40	MW-31S	Ground Water	sp/ma	05/26/11 08:13	05/27/11 10:13
T11E273-41	MW-35S	Ground Water	sp/ma	05/26/11 09:14	05/27/11 10:13
T11E273-42	MW-34S	Ground Water	sp/ma	05/26/11 09:52	05/27/11 10:13
T11E273-43	MW-32S	Ground Water	sp/ma	05/26/11 10:28	05/27/11 10:13
T11E273-44	MW-33S	Ground Water	sp/ma	05/26/11 11:04	05/27/11 10:13
T11E273-45	TB-03	Ground Water	sp/ma	05/17/11	05/27/11 10:13

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

DATA QUALIFIERS

Trace ID: T023349-DUP1

Analysis: SM 2540 D-97

Total Suspended Solids	Note 623 : The relative percent difference between the sample and sample duplicate is out of control. The sample result should be considered estimated.
-------------------------------	---

Trace ID: T023355-MS1

Analysis: EPA 8260B

Benzene	Note 230 : The MS and MSD were out of control high. Because there was no positive result in the non-spiked version of the sample, no data require qualification.
----------------	--

Trace ID: T023355-MSD1

Analysis: EPA 8260B

Benzene	Note 230 : The MS and MSD were out of control high. Because there was no positive result in the non-spiked version of the sample, no data require qualification.
Toluene	Note 207 : The RPD between the MS and the MSD was out of control. Because both spike recoveries were in control, no data require qualification.

Trace ID: T023368-DUP1

Analysis: SM 2540 D-97

Total Suspended Solids	Note 623 : The relative percent difference between the sample and sample duplicate is out of control. The sample result should be considered estimated.
-------------------------------	---

Trace ID: T023382-BS1

Analysis: EPA 8260B

Toluene	Note 113 : The LCS recovery was out of control low. Because the MS and MSD recoveries were within QC limits, no data require qualification.
----------------	---

Trace ID: T023382-MS1

Analysis: EPA 8260B

Benzene	Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.
----------------	--

Trace ID: T023382-MSD1

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Analysis: EPA 8260B

Benzene

Note 208 : The MS recovery was out of control. Because the MSD recovery and the RPD between the MS and the MSD were in control, no data require qualification.

Trace ID: T11E273-01

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-02

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-03

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-04

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-05

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-06

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-07

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 607 : A positive result for this analyte was found and reported in the method blank. The concentration found in the sample is less than five times the amount found in the method blank and, therefore, must be considered estimated.

Trace ID: T11E273-08

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-09

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 607 : A positive result for this analyte was found and reported in the method blank. The concentration found in the sample is less than five times the amount found in the method blank and, therefore, must be considered estimated.

Trace ID: T11E273-10

Analysis: EPA 8270C

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Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-11

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-12

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-13

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-14

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-15

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-16

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-17

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 620 : A positive result for this analyte was found in the method blank. Because no positive result was found in the sample, no data require qualification.

Trace ID: T11E273-18

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 607 : A positive result for this analyte was found and reported in the method blank. The concentration found in the sample is less than five times the amount found in the method blank and, therefore, must be considered estimated.

Trace ID: T11E273-19

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate

Note 624 : A positive result for this analyte was found in the method blank. Because the concentration in the blank was greater than 5% of the sample concentration, the sample result must be considered estimated.

Trace ID: T11E273-20

Analysis: EPA 8270C

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Bis(2-ethylhexyl)phthalate

Note 624 : A positive result for this analyte was found in the method blank. Because the concentration in the blank was greater than 5% of the sample concentration, the sample result must be considered estimated.

Trace ID: T11E273-28

Analysis: EPA 8260B

Toluene-d8

Note 320 : The surrogate recovery was out of control low when compared to the control limits due to analyte interference. No data require qualification.

Trace ID: T11E273-31

Analysis: SM 2540 D-97

Total Suspended Solids

Note 623 : The relative percent difference between the sample and sample duplicate is out of control. The sample result should be considered estimated.

Trace ID: T11E273-39

Analysis: EPA 8260B

m,p-Xylene

Note 900 : This compound is suspected carryover from previous sample (Dup-03). The sample could not be re-analyzed due to lack of sample. Results must be considered suspect.

Toluene

Note 900 : This compound is suspected carryover from previous sample (Dup-03). The sample could not be re-analyzed due to lack of sample. Results must be considered suspect.

Trace ID: T11E273-40

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Analysis: SM 2540 D-97

Total Suspended Solids

Note 623 : The relative percent difference between the sample and sample duplicate is out of control. The sample result should be considered estimated.

Trace ID: T11E273-41

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14

Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11E273-42

Analysis: EPA 8270C

2-Fluorobiphenyl

Note 314 : The surrogate was out of control low when compared to the control limits. All results and reporting limits must be considered estimated.

2-Fluorobiphenyl

Note 509 : The sample was not re-extracted as the EPA specified hold time had expired.

Nitrobenzene-d5

Note 314 : The surrogate was out of control low when compared to the control limits. All results and reporting limits must be considered estimated.

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Nitrobenzene-d5	Note 509 : The sample was not re-extracted as the EPA specified hold time had expired.
Terphenyl-d14	Note 314 : The surrogate was out of control low when compared to the control limits. All results and reporting limits must be considered estimated.
Terphenyl-d14	Note 509 : The sample was not re-extracted as the EPA specified hold time had expired.

Trace ID: T11E273-43

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T11E273-44

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-01 Date Collected: 05/23/11 14:43 Matrix: Surface Water
Sample ID: DRC-02 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	96 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	82 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	51 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	56 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	73 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-02 Date Collected: 05/23/11 14:48 Matrix: Surface Water
Sample ID: SW-D-5 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	81 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	62 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	62 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	75 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-03 Date Collected: 05/23/11 15:05 Matrix: Surface Water
Sample ID: SW-R-1 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	96 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	81 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	48 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	52 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	72 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-04 Date Collected: 05/23/11 15:15 Matrix: Surface Water
Sample ID: SW-R-2 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	93 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	79 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	53 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	55 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	66 %	37-109	1	05/26/11	kb	06/01/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-05 Date Collected: 05/23/11 15:25 Matrix: Surface Water
Sample ID: SW-R-3 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RD L	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	80 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	44 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	44 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	55 %	37-109	1	05/26/11	kb	06/01/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-06 Date Collected: 05/23/11 15:35 Matrix: Surface Water
Sample ID: SW-R-4 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	79 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	65 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	65 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	74 %	37-109	1	05/26/11	kb	06/01/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-07 Date Collected: 05/23/11 15:55 Matrix: Surface Water
Sample ID: SW-D-4 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	82 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	1.1 ug/L	0.95	1	05/26/11	kb	06/02/11	avl	607	
Surrogates:									
Nitrobenzene-d5	62 %	36-103	1	05/26/11	kb	06/02/11	avl		
2-Fluorobiphenyl	58 %	36-119	1	05/26/11	kb	06/02/11	avl		
Terphenyl-d14	73 %	37-109	1	05/26/11	kb	06/02/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-08 Date Collected: 05/23/11 16:10 Matrix: Surface Water
Sample ID: SW-R-6 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	80 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	56 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	58 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	72 %	37-109	1	05/26/11	kb	06/01/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-09 Date Collected: 05/23/11 16:50 Matrix: Surface Water
Sample ID: SW-D-3 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	96 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	81 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	1.0 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	607	
Surrogates:									
Nitrobenzene-d5	64 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	61 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	74 %	37-109	1	05/26/11	kb	06/01/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-10 Date Collected: 05/23/11 17:05 Matrix: Surface Water
Sample ID: SW-D-2 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RD L	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	80 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	40 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	43 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	51 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-11 Date Collected: 05/23/11 17:20 Matrix: Surface Water
Sample ID: SW-D-1 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023355

Benzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/25/11	jq	05/25/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/25/11	jq	05/25/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/25/11	jq	05/25/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/25/11	jq	05/25/11	jq		
Toluene-d8	79 %	75-120	1	05/25/11	jq	05/25/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	42 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	48 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	58 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-12 Date Collected: 05/23/11 Matrix: Surface Water
Sample ID: DUP-01 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023450

Benzene	<0.50 ug/L	0.50	1	06/02/11	jq	06/02/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/02/11	jq	06/02/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/02/11	jq	06/02/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/02/11	jq	06/02/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/02/11	jq	06/02/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/02/11	jq	06/02/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	104 %	68-133	1	06/02/11	jq	06/02/11	jq		
Toluene-d8	92 %	75-120	1	06/02/11	jq	06/02/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	47 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	52 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	67 %	37-109	1	05/26/11	kb	05/31/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-13 Date Collected: 05/24/11 08:55 Matrix: Ground Water
Sample ID: MW-19-12 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	95 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	48 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	59 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	64 %	37-109	1	05/26/11	kb	05/31/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-13 Date Collected: 05/24/11 08:55 Matrix: Ground Water
 Sample ID: MW-19-12 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	1.1 mg/L	0.25	5	05/25/11	bd	05/25/11	bd		
Sulfate as SO4	9.6 mg/L	2.5	5	05/25/11	bd	05/25/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.032 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	250 mg/L	10	1	05/27/11	da	05/27/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	<4.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da		
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	58 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	<1.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-14 Date Collected: 05/24/11 10:43 Matrix: Ground Water
Sample ID: MW-19-17 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	98 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	05/31/11	avl	620	
Surrogates:									
Nitrobenzene-d5	56 %	36-103	1	05/26/11	kb	05/31/11	avl		
2-Fluorobiphenyl	70 %	36-119	1	05/26/11	kb	05/31/11	avl		
Terphenyl-d14	62 %	37-109	1	05/26/11	kb	05/31/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-14 Date Collected: 05/24/11 10:43 Matrix: Ground Water
 Sample ID: MW-19-17 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	0.27 mg/L	0.25	5	05/25/11	bd	05/25/11	bd
Sulfate as SO4	34 mg/L	2.5	5	05/25/11	bd	05/25/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.31 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	970 mg/L	10	1	05/27/11	da	05/27/11	da
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	5.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	180 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	5.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-15 Date Collected: 05/24/11 12:48 Matrix: Ground Water
Sample ID: MW-19-15 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	92 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	94 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	48 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	58 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	58 %	37-109	1	05/26/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-15 Date Collected: 05/24/11 12:48 Matrix: Ground Water
 Sample ID: MW-19-15 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	1.3 mg/L	0.25	5	05/25/11	bd	05/25/11	bd
Sulfate as SO4	90 mg/L	2.5	5	05/25/11	bd	05/25/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.18 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	1000 mg/L	10	1	05/27/11	da	05/27/11	da
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	7.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	920 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	7.6 ug/L	1.0	1	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-16 Date Collected: 05/24/11 13:52 Matrix: Ground Water
Sample ID: MW-19-16 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	93 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	51 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	65 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	63 %	37-109	1	05/26/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-16 Date Collected: 05/24/11 13:52 Matrix: Ground Water
 Sample ID: MW-19-16 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	<0.25 mg/L	0.25	5	05/25/11	bd	05/25/11	bd
Sulfate as SO4	27 mg/L	2.5	5	05/25/11	bd	05/25/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.041 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	700 mg/L	10	1	05/27/11	da	05/27/11	da
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	9.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	1000 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	1.2 ug/L	1.0	1	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-17 Date Collected: 05/24/11 14:53 Matrix: Ground Water
Sample ID: MW-19-14 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	93 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/26/11	kb	06/01/11	avl	620	
Surrogates:									
Nitrobenzene-d5	64 %	36-103	1	05/26/11	kb	06/01/11	avl		
2-Fluorobiphenyl	66 %	36-119	1	05/26/11	kb	06/01/11	avl		
Terphenyl-d14	69 %	37-109	1	05/26/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-17 Date Collected: 05/24/11 14:53 Matrix: Ground Water
Sample ID: MW-19-14 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	2.1 mg/L	0.25	5	05/25/11	bd	05/25/11	bd		
Sulfate as SO4	120 mg/L	2.5	5	05/25/11	bd	05/25/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.053 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	1200 mg/L	10	1	05/27/11	da	05/27/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	9.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da		
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	660 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	9.9 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-18 Date Collected: 05/24/11 15:51 Matrix: Ground Water
Sample ID: MW-19R Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023359

Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Toluene	8.3 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Ethylbenzene	43 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
m,p-Xylene	150 ug/L	1.0	1	05/26/11	jq	05/26/11	jq		N
o-Xylene	53 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		N
Xylenes, total	200 ug/L	1.5	1	05/26/11	jq	05/26/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	05/26/11	jq	05/26/11	jq		
Toluene-d8	81 %	75-120	1	05/26/11	jq	05/26/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	1.6 ug/L	0.95	1	05/26/11	kb	06/02/11	avl	607	
Surrogates:									
Nitrobenzene-d5	52 %	36-103	1	05/26/11	kb	06/02/11	avl		
2-Fluorobiphenyl	51 %	36-119	1	05/26/11	kb	06/02/11	avl		
Terphenyl-d14	58 %	37-109	1	05/26/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-18 Date Collected: 05/24/11 15:51 Matrix: Ground Water
 Sample ID: MW-19R Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	1.5 mg/L	0.25	5	05/25/11	bd	05/25/11	bd		
Sulfate as SO4	83 mg/L	2.5	5	05/25/11	bd	05/25/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.060 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	1200 mg/L	10	1	05/27/11	da	05/27/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	6.0 mg/L	4.0	1	05/26/11	sm	05/27/11	da		
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	31000 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	36 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-19 Date Collected: 05/24/11 09:15 Matrix: Ground Water
Sample ID: MW-29S Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023359

Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/26/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	99 %	68-133	1	05/26/11	jq	05/27/11	jq		
Toluene-d8	80 %	75-120	1	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	45 ug/L	0.95	1	05/26/11	kb	06/02/11	avl	624	
Surrogates:									
Nitrobenzene-d5	62 %	36-103	1	05/26/11	kb	06/02/11	avl		
2-Fluorobiphenyl	67 %	36-119	1	05/26/11	kb	06/02/11	avl		
Terphenyl-d14	79 %	37-109	1	05/26/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.33 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-19 Date Collected: 05/24/11 09:15 Matrix: Ground Water
 Sample ID: MW-29S Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	<0.25 mg/L	0.25	5	05/25/11	bd	05/25/11	bd		
Sulfate as SO4	3.5 mg/L	2.5	5	05/25/11	bd	05/25/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	3.7 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	510 mg/L	10	1	05/27/11	da	05/27/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	57 mg/L	4.0	1	05/26/11	sm	05/27/11	da		
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	560 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	4200 ug/L	100	100	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-20 Date Collected: 05/24/11 14:46 Matrix: Ground Water
Sample ID: MW-8 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023359

Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/26/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/26/11	jq	05/27/11	jq		
Toluene-d8	81 %	75-120	1	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023339

Bis(2-ethylhexyl)phthalate	43 ug/L	0.95	1	05/26/11	kb	06/02/11	avl	624	
Surrogates:									
Nitrobenzene-d5	60 %	36-103	1	05/26/11	kb	06/02/11	avl		
2-Fluorobiphenyl	57 %	36-119	1	05/26/11	kb	06/02/11	avl		
Terphenyl-d14	78 %	37-109	1	05/26/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.25 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-20 Date Collected: 05/24/11 14:46 Matrix: Ground Water
 Sample ID: MW-8 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	<0.25 mg/L	0.25	5	05/25/11	bd	05/25/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	05/25/11	bd	05/25/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.36 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	520 mg/L	10	1	05/27/11	da	05/27/11	da
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	34 mg/L	4.0	1	05/26/11	sm	05/27/11	da
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	890 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	290 ug/L	100	100	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-21 Date Collected: 05/24/11 11:58 Matrix: Ground Water
Sample ID: MW-25 (R) Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023359

Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/26/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	98 %	68-133	1	05/26/11	jq	05/27/11	jq		
Toluene-d8	83 %	75-120	1	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023340

Bis(2-ethylhexyl)phthalate	44 ug/L	0.95	1	05/27/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	57 %	36-103	1	05/27/11	kb	06/02/11	avl		
2-Fluorobiphenyl	56 %	36-119	1	05/27/11	kb	06/02/11	avl		
Terphenyl-d14	59 %	37-109	1	05/27/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.57 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-21 Date Collected: 05/24/11 11:58 Matrix: Ground Water
 Sample ID: MW-25 (R) Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	<0.25 mg/L	0.25	5	05/25/11	bd	05/25/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	05/25/11	bd	05/25/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.22 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	410 mg/L	10	1	05/27/11	da	05/27/11	da
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	550 mg/L	4.0	1	05/26/11	sm	05/27/11	da
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	28000 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	93 ug/L	10	10	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-22 Date Collected: 05/24/11 16:41 Matrix: Ground Water
Sample ID: MW-30S Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
<i>Analysis Method: EPA 8260B</i>									
<i>Batch: T023359</i>									
Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Ethylbenzene	17 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
m,p-Xylene	26 ug/L	1.0	1	05/26/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	26 ug/L	1.5	1	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	98 %	68-133	1	05/26/11	jq	05/27/11	jq		
Toluene-d8	83 %	75-120	1	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023340

Bis(2-ethylhexyl)phthalate	910 ug/L	9.5	10	05/27/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	52 %	36-103	10	05/27/11	kb	06/02/11	avl		
2-Fluorobiphenyl	53 %	36-119	10	05/27/11	kb	06/02/11	avl		
Terphenyl-d14	58 %	37-109	10	05/27/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.32 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-22 Date Collected: 05/24/11 16:41 Matrix: Ground Water
 Sample ID: MW-30S Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023292

Nitrate as N	<0.25 mg/L	0.25	5	05/25/11	bd	05/25/11	bd		
Sulfate as SO4	<2.5 mg/L	2.5	5	05/25/11	bd	05/25/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.82 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023316

Total Dissolved Solids	450 mg/L	10	1	05/27/11	da	05/27/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023315

Total Suspended Solids	68 mg/L	4.0	1	05/26/11	sm	05/27/11	da		
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Analysis Method: SM9215B

Batch: T023299

Heterotrophic Plate Count	19000 CFU/ml	1.0	1	05/25/11	da	05/27/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	3200 ug/L	100	100	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-23 Date Collected: 05/17/11 Matrix: Ground Water
 Sample ID: TB-01 Date Received: 05/25/11 11:05

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023429

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq	
Surrogates:								
1,2-Dichloroethane-d4	94 %	68-133	1	06/01/11	jq	06/01/11	jq	
Toluene-d8	92 %	75-120	1	06/01/11	jq	06/01/11	jq	

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-24 Date Collected: 05/25/11 08:34 Matrix: Ground Water
Sample ID: MW-19-6R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
<i>Analysis Method: EPA 8260B</i>									
<i>Batch: T023359</i>									
Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Toluene	4.7 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
Ethylbenzene	4.4 ug/L	0.50	1	05/26/11	jq	05/27/11	jq		
m,p-Xylene	9.0 ug/L	1.0	1	05/26/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	9.0 ug/L	1.5	1	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	102 %	68-133	1	05/26/11	jq	05/27/11	jq		
Toluene-d8	80 %	75-120	1	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023340

Bis(2-ethylhexyl)phthalate	1.0 ug/L	0.95	1	05/27/11	kb	06/01/11	avl		
Surrogates:									
Nitrobenzene-d5	55 %	36-103	1	05/27/11	kb	06/01/11	avl		
2-Fluorobiphenyl	54 %	36-119	1	05/27/11	kb	06/01/11	avl		
Terphenyl-d14	75 %	37-109	1	05/27/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-24 Date Collected: 05/25/11 08:34 Matrix: Ground Water
 Sample ID: MW-19-6R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	0.76 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	34 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.033 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	700 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	5.0 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	980 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	3.8 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-25 Date Collected: 05/25/11 10:25 Matrix: Ground Water
Sample ID: MW-19-13 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023356

Benzene	4.7 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
m,p-Xylene	49 ug/L	1.0	1	05/26/11	jq	05/26/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq	N	
Xylenes, total	49 ug/L	1.5	1	05/26/11	jq	05/26/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	93 %	68-133	1	05/26/11	jq	05/26/11	jq		
Toluene-d8	82 %	75-120	1	05/26/11	jq	05/26/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023340

Bis(2-ethylhexyl)phthalate	3.5 ug/L	0.95	1	05/27/11	kb	06/01/11	avl		
Surrogates:									
Nitrobenzene-d5	68 %	36-103	1	05/27/11	kb	06/01/11	avl		
2-Fluorobiphenyl	67 %	36-119	1	05/27/11	kb	06/01/11	avl		
Terphenyl-d14	78 %	37-109	1	05/27/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.13 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-25 Date Collected: 05/25/11 10:25 Matrix: Ground Water
 Sample ID: MW-19-13 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	44 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023344

Ammonia as N	0.17 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	460 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	79 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	500 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	4300 ug/L	100	100	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-26 Date Collected: 05/25/11 10:50 Matrix: Ground Water
Sample ID: ATM-01 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023356

Benzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/26/11	jq	05/26/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/26/11	jq	05/26/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/26/11	jq	05/26/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	94 %	68-133	1	05/26/11	jq	05/26/11	jq		
Toluene-d8	82 %	75-120	1	05/26/11	jq	05/26/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023340

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	05/27/11	kb	06/01/11	avl		
Surrogates:									
Nitrobenzene-d5	47 %	36-103	1	05/27/11	kb	06/01/11	avl		
2-Fluorobiphenyl	45 %	36-119	1	05/27/11	kb	06/01/11	avl		
Terphenyl-d14	60 %	37-109	1	05/27/11	kb	06/01/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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Analysis Method: EPA 6020

Batch: T023361

Lead	<0.0030 mg/L	0.0030	5	05/31/11	ns	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-26 Date Collected: 05/25/11 10:50 Matrix: Ground Water
 Sample ID: ATM-01 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	<2.5 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.038 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	<10 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	<4.0 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	3.5 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	<1.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-27 Date Collected: 05/25/11 11:42 Matrix: Ground Water
 Sample ID: MW-19-7R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023356

Benzene	4.2 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Toluene	9700 ug/L	25	50	05/26/11	jq	05/27/11	jq		
Ethylbenzene	330 ug/L	25	50	05/26/11	jq	05/27/11	jq		
m,p-Xylene	1100 ug/L	50	50	05/26/11	jq	05/27/11	jq	N	
o-Xylene	360 ug/L	25	50	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	1500 ug/L	75	50	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	05/26/11	jq	05/26/11	jq		
1,2-Dichloroethane-d4	89 %	68-133	50	05/26/11	jq	05/27/11	jq		
Toluene-d8	85 %	75-120	1	05/26/11	jq	05/26/11	jq		
Toluene-d8	80 %	75-120	50	05/26/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	<1.0 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	48 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	46 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	59 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.29 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-27 Date Collected: 05/25/11 11:42 Matrix: Ground Water
 Sample ID: MW-19-7R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	1.9 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	11 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.17 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	990 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	20 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	110 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	22 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-28 Date Collected: 05/25/11 12:48 Matrix: Ground Water
 Sample ID: MW-19-5R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023356

Benzene	5.4 ug/L	0.50	1	05/26/11	jq	05/26/11	jq		
Toluene	49000 ug/L	500	1000	05/26/11	jq	06/01/11	jq		
Ethylbenzene	2200 ug/L	50	100	05/26/11	jq	05/27/11	jq		
m,p-Xylene	9300 ug/L	100	100	05/26/11	jq	05/27/11	jq	N	
o-Xylene	2300 ug/L	50	100	05/26/11	jq	05/27/11	jq	N	
Xylenes, total	12000 ug/L	150	100	05/26/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	84 %	68-133	1	05/26/11	jq	05/26/11	jq		
1,2-Dichloroethane-d4	89 %	68-133	100	05/26/11	jq	05/27/11	jq		
1,2-Dichloroethane-d4	97 %	68-133	1000	05/26/11	jq	06/01/11	jq		
Toluene-d8	* 74 %	75-120	1	05/26/11	jq	05/26/11	jq	320	
Toluene-d8	80 %	75-120	100	05/26/11	jq	05/27/11	jq		
Toluene-d8	94 %	75-120	1000	05/26/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	1.2 ug/L	1.0	1	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	64 %	36-103	1	05/31/11	kb	06/03/11	avl		
2-Fluorobiphenyl	68 %	36-119	1	05/31/11	kb	06/03/11	avl		
Terphenyl-d14	78 %	37-109	1	05/31/11	kb	06/03/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.12 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-28 Date Collected: 05/25/11 12:48 Matrix: Ground Water
Sample ID: MW-19-5R Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	0.36 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	58 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.16 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	840 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	27 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	280 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	3700 ug/L	100	100	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-29 Date Collected: 05/25/11 14:25 Matrix: Ground Water
Sample ID: MW-27S Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	1.4 ug/L	1.0	1	05/27/11	jq	05/27/11	jq		N
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		N
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	82 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	24 ug/L	1.0	1	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	48 %	36-103	1	05/31/11	kb	06/03/11	avl		
2-Fluorobiphenyl	50 %	36-119	1	05/31/11	kb	06/03/11	avl		
Terphenyl-d14	63 %	37-109	1	05/31/11	kb	06/03/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.083 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-29 Date Collected: 05/25/11 14:25 Matrix: Ground Water
 Sample ID: MW-27S Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	2.3 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	36 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.036 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	500 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	47 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	3500 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	3.2 ug/L	1.0	1	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-30 Date Collected: 05/25/11 09:02 Matrix: Ground Water
Sample ID: MW-30i Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	90 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	83 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	39 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	57 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	57 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	68 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.46 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-30 Date Collected: 05/25/11 09:02 Matrix: Ground Water
 Sample ID: MW-30i Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	2.7 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.57 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	390 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	57 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	78 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	1200 ug/L	100	100	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-31 Date Collected: 05/25/11 10:28 Matrix: Ground Water
Sample ID: MW-30d Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	93 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	83 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	6.0 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	42 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	46 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	66 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.081 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-31 Date Collected: 05/25/11 10:28 Matrix: Ground Water
 Sample ID: MW-30d Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	0.30 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	12 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.072 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	300 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	5.0 mg/L	4.0	1	05/31/11	da	05/31/11	da	623	
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	3500 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	28 ug/L	1.0	1	06/01/11	was	06/01/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-32 Date Collected: 05/25/11 12:46 Matrix: Ground Water
Sample ID: MW-28s Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
<i>Analysis Method: EPA 8260B</i>									
<i>Batch: T023382</i>									
Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	9.1 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	8.8 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	N	
o-Xylene	0.85 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	8.9 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	89 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	81 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	170 ug/L	2.0	2	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	59 %	36-103	2	05/31/11	kb	06/03/11	avl		
2-Fluorobiphenyl	60 %	36-119	2	05/31/11	kb	06/03/11	avl		
Terphenyl-d14	74 %	37-109	2	05/31/11	kb	06/03/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023361

Phosphorus	0.37 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-32 Date Collected: 05/25/11 12:46 Matrix: Ground Water
 Sample ID: MW-28s Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	3.6 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.19 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	220 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	28 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	80 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	1200 ug/L	100	100	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-33 Date Collected: 05/25/11 14:10 Matrix: Ground Water
Sample ID: MW-28i Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	90 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	80 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	83 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	46 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	49 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	56 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.38 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-33 Date Collected: 05/25/11 14:10 Matrix: Ground Water
 Sample ID: MW-28i Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	4.8 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.28 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	240 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	32 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	36 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	570 ug/L	50	50	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-34 Date Collected: 05/25/11 15:30 Matrix: Surface Water
Sample ID: RB-01 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023473

Benzene	<0.50 ug/L	0.50	1	06/03/11	jq	06/03/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/03/11	jq	06/03/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/03/11	jq	06/03/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/03/11	jq	06/03/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/03/11	jq	06/03/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/03/11	jq	06/03/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	101 %	68-133	1	06/03/11	jq	06/03/11	jq		
Toluene-d8	92 %	75-120	1	06/03/11	jq	06/03/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	<1.0 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	36 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	37 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	41 %	37-109	1	05/31/11	kb	06/02/11	avl		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-35 Date Collected: 05/25/11 15:45 Matrix: Ground Water
 Sample ID: RB-03 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023473

Benzene	<0.50 ug/L		0.50	1	06/03/11	jq	06/03/11	jq		
Toluene	1.0 ug/L		0.50	1	06/03/11	jq	06/03/11	jq		
Ethylbenzene	<0.50 ug/L		0.50	1	06/03/11	jq	06/03/11	jq		
m,p-Xylene	<1.0 ug/L		1.0	1	06/03/11	jq	06/03/11	jq	N	
o-Xylene	<0.50 ug/L		0.50	1	06/03/11	jq	06/03/11	jq	N	
Xylenes, total	<1.5 ug/L		1.5	1	06/03/11	jq	06/03/11	jq		
Surrogates:										
1,2-Dichloroethane-d4	103 %		68-133	1	06/03/11	jq	06/03/11	jq		
Toluene-d8	91 %		75-120	1	06/03/11	jq	06/03/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	<1.0 ug/L		1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:										
Nitrobenzene-d5	58 %		36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	61 %		36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	71 %		37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	<0.050 mg/L		0.050	1	05/31/11	ns	06/01/11	jlm		
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Analysis Method: EPA 6020

Batch: T023374

Lead	<0.0030 mg/L		0.0030	5	05/31/11	ns	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-35 Date Collected: 05/25/11 15:45 Matrix: Ground Water
 Sample ID: RB-03 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	<2.5 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.038 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	<10 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	<4.0 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	14 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	<1.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-36 Date Collected: 05/25/11 15:55 Matrix: Ground Water
Sample ID: RB-02 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023436

Benzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Toluene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	jq	06/01/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	jq	06/01/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	06/01/11	jq	06/01/11	jq		
Toluene-d8	96 %	75-120	1	06/01/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	<1.0 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	55 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	57 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	68 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	<0.050 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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Analysis Method: EPA 6020

Batch: T023374

Lead	<0.0030 mg/L	0.0030	5	05/31/11	ns	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-36 Date Collected: 05/25/11 15:55 Matrix: Ground Water
 Sample ID: RB-02 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	0.27 mg/L	0.25	5	05/26/11	bd	05/26/11	bd		
Sulfate as SO4	<2.5 mg/L	2.5	5	05/26/11	bd	05/26/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.033 mg/L	0.010	1	05/27/11	sm	05/27/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	<10 mg/L	10	1	05/27/11	da	06/01/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	<4.0 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	19 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	<1.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-37 Date Collected: 05/25/11 Matrix: Ground Water
Sample ID: Dup-02 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	<1.0 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	N	
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	90 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	80 %	75-120	1	05/27/11	jq	05/27/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	15 ug/L	1.0	1	05/31/11	kb	06/02/11	avl		
Surrogates:									
Nitrobenzene-d5	46 %	36-103	1	05/31/11	kb	06/02/11	avl		
2-Fluorobiphenyl	48 %	36-119	1	05/31/11	kb	06/02/11	avl		
Terphenyl-d14	62 %	37-109	1	05/31/11	kb	06/02/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.43 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023307

Lead	<0.0030 mg/L	0.0030	1	05/26/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-37 Date Collected: 05/25/11 Matrix: Ground Water
 Sample ID: Dup-02 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	<0.25 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	2.6 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.72 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	390 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	40 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	160 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	1700 ug/L	100	100	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-38 Date Collected: 05/25/11 Matrix: Ground Water
Sample ID: Dup-03 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	4.1 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	10000 ug/L	50	100	05/27/11	jq	06/01/11	jq		
Ethylbenzene	520 ug/L	50	100	05/27/11	jq	06/01/11	jq		
m,p-Xylene	1600 ug/L	100	100	05/27/11	jq	06/01/11	jq	N	
o-Xylene	500 ug/L	50	100	05/27/11	jq	06/01/11	jq	N	
Xylenes, total	2100 ug/L	150	100	05/27/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	89 %	68-133	1	05/27/11	jq	05/27/11	jq		
1,2-Dichloroethane-d4	95 %	68-133	100	05/27/11	jq	06/01/11	jq		
Toluene-d8	80 %	75-120	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	93 %	75-120	100	05/27/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	35 ug/L	1.0	1	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	47 %	36-103	1	05/31/11	kb	06/03/11	avl		
2-Fluorobiphenyl	50 %	36-119	1	05/31/11	kb	06/03/11	avl		
Terphenyl-d14	73 %	37-109	1	05/31/11	kb	06/03/11	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.29 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-38 Date Collected: 05/25/11 Matrix: Ground Water
Sample ID: Dup-03 Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023327

Nitrate as N	1.9 mg/L	0.25	5	05/26/11	bd	05/26/11	bd
Sulfate as SO4	10 mg/L	2.5	5	05/26/11	bd	05/26/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023345

Ammonia as N	0.19 mg/L	0.010	1	05/27/11	sm	05/27/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023348

Total Dissolved Solids	990 mg/L	10	1	05/27/11	da	06/01/11	da
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Analysis Method: SM 2540 D-97

Batch: T023349

Total Suspended Solids	21 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023333

Heterotrophic Plate Count	180 CFU/ml	1.0	1	05/26/11	da	05/28/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023378

Methane	1.0 ug/L	1.0	1	05/27/11	was	05/27/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-39 Date Collected: 05/17/11 Matrix: Surface Water
Sample ID: Trip Blank Date Received: 05/26/11 10:23

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023382

Benzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
Toluene	3.2 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	900	
Ethylbenzene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq		
m,p-Xylene	1.1 ug/L	1.0	1	05/27/11	jq	05/27/11	jq	900, N	
o-Xylene	<0.50 ug/L	0.50	1	05/27/11	jq	05/27/11	jq	N	
Xylenes, total	<1.5 ug/L	1.5	1	05/27/11	jq	05/27/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	89 %	68-133	1	05/27/11	jq	05/27/11	jq		
Toluene-d8	81 %	75-120	1	05/27/11	jq	05/27/11	jq		

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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-40 Date Collected: 05/26/11 08:13 Matrix: Ground Water
Sample ID: MW-31S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023407

Benzene	3.2 ug/L	0.50	1	05/31/11	was	05/31/11	was		
Toluene	12 ug/L	0.50	1	05/31/11	was	05/31/11	was		
Ethylbenzene	3900 ug/L	50	100	06/01/11	was	06/01/11	was		
m,p-Xylene	15000 ug/L	100	100	06/01/11	was	06/01/11	was	N	
o-Xylene	4200 ug/L	50	100	06/01/11	was	06/01/11	was	N	
Xylenes, total	19000 ug/L	150	100	06/01/11	was	06/01/11	was		
Surrogates:									
1,2-Dichloroethane-d4	108 %	68-133	1	05/31/11	was	05/31/11	was		
1,2-Dichloroethane-d4	105 %	68-133	100	06/01/11	was	06/01/11	was		
Toluene-d8	102 %	75-120	1	05/31/11	was	05/31/11	was		
Toluene-d8	98 %	75-120	100	06/01/11	was	06/01/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	19000 ug/L	250	250	05/31/11	kb	06/06/11	avl		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	05/31/11	kb	06/06/11	avl	302	
2-Fluorobiphenyl	* %	36-119	250	05/31/11	kb	06/06/11	avl	302	
Terphenyl-d14	* %	37-109	250	05/31/11	kb	06/06/11	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.24 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-40 Date Collected: 05/26/11 08:13 Matrix: Ground Water
Sample ID: MW-31S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023350

Nitrate as N	<0.25 mg/L	0.25	5	05/27/11	bd	05/27/11	bd		
Sulfate as SO ₄	46 mg/L	2.5	5	05/27/11	bd	05/27/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023422

Ammonia as N	0.13 mg/L	0.010	1	06/02/11	sm	06/02/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023367

Total Dissolved Solids	640 mg/L	10	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023368

Total Suspended Solids	23 mg/L	4.0	1	05/31/11	da	05/31/11	da	623	
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Analysis Method: SM9215B

Batch: T023353

Heterotrophic Plate Count	180 CFU/ml	1.0	1	05/27/11	da	05/29/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	6800 ug/L	200	200	06/01/11	was	06/01/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-41 Date Collected: 05/26/11 09:14 Matrix: Ground Water
Sample ID: MW-35S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023407

Benzene	2.3	ug/L	0.50	1	05/31/11	was	05/31/11	was		
Toluene	14	ug/L	0.50	1	05/31/11	was	05/31/11	was		
Ethylbenzene	10000	ug/L	500	1000	05/31/11	was	06/02/11	jq		
m,p-Xylene	43000	ug/L	1000	1000	05/31/11	was	06/02/11	jq	N	
o-Xylene	14000	ug/L	500	1000	05/31/11	was	06/02/11	jq	N	
Xylenes, total	57000	ug/L	1500	1000	05/31/11	was	06/02/11	jq		
Surrogates:										
1,2-Dichloroethane-d4	105	%	68-133	1	05/31/11	was	05/31/11	was		
1,2-Dichloroethane-d4	91	%	68-133	1000	05/31/11	was	06/02/11	jq		
Toluene-d8	106	%	75-120	1	05/31/11	was	05/31/11	was		
Toluene-d8	95	%	75-120	1000	05/31/11	was	06/02/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	15000	ug/L	250	250	05/31/11	kb	06/06/11	avl		
Surrogates:										
Nitrobenzene-d5	*	%	36-103	250	05/31/11	kb	06/06/11	avl	302	
2-Fluorobiphenyl	*	%	36-119	250	05/31/11	kb	06/06/11	avl	302	
Terphenyl-d14	*	%	37-109	250	05/31/11	kb	06/06/11	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.18	mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-41 Date Collected: 05/26/11 09:14 Matrix: Ground Water
Sample ID: MW-35S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023350

Nitrate as N	<0.25 mg/L	0.25	5	05/27/11	bd	05/27/11	bd
Sulfate as SO4	<2.5 mg/L	2.5	5	05/27/11	bd	05/27/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023422

Ammonia as N	0.20 mg/L	0.010	1	06/02/11	sm	06/02/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023367

Total Dissolved Solids	530 mg/L	10	1	05/31/11	da	05/31/11	da
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Analysis Method: SM 2540 D-97

Batch: T023368

Total Suspended Solids	61 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023353

Heterotrophic Plate Count	630 CFU/ml	1.0	1	05/27/11	da	05/29/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	6500 ug/L	100	100	06/01/11	was	06/01/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-42 Date Collected: 05/26/11 09:52 Matrix: Ground Water
Sample ID: MW-34S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023407

Benzene	0.68 ug/L	0.50	1	05/31/11	was	05/31/11	was		
Toluene	2.0 ug/L	0.50	1	05/31/11	was	05/31/11	was		
Ethylbenzene	380 ug/L	5.0	10	06/01/11	was	06/01/11	was		
m,p-Xylene	830 ug/L	10	10	06/01/11	was	06/01/11	was	N	
o-Xylene	290 ug/L	5.0	10	06/01/11	was	06/01/11	was	N	
Xylenes, total	1100 ug/L	15	10	06/01/11	was	06/01/11	was		
Surrogates:									
1,2-Dichloroethane-d4	108 %	68-133	1	05/31/11	was	05/31/11	was		
1,2-Dichloroethane-d4	106 %	68-133	10	06/01/11	was	06/01/11	was		
Toluene-d8	100 %	75-120	1	05/31/11	was	05/31/11	was		
Toluene-d8	98 %	75-120	10	06/01/11	was	06/01/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	72 ug/L	1.0	1	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	* 17 %	36-103	1	05/31/11	kb	06/03/11	avl	314, 509	
2-Fluorobiphenyl	* 19 %	36-119	1	05/31/11	kb	06/03/11	avl	314, 509	
Terphenyl-d14	* 29 %	37-109	1	05/31/11	kb	06/03/11	avl	314, 509	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.064 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-42 Date Collected: 05/26/11 09:52 Matrix: Ground Water
Sample ID: MW-34S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023350

Nitrate as N	<0.25 mg/L	0.25	5	05/27/11	bd	05/27/11	bd		
Sulfate as SO ₄	81 mg/L	2.5	5	05/27/11	bd	05/27/11	bd		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023422

Ammonia as N	0.15 mg/L	0.010	1	06/02/11	sm	06/02/11	sm		
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Analysis Method: SM 2540 C-97

Batch: T023367

Total Dissolved Solids	560 mg/L	10	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM 2540 D-97

Batch: T023368

Total Suspended Solids	24 mg/L	4.0	1	05/31/11	da	05/31/11	da		
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Analysis Method: SM9215B

Batch: T023353

Heterotrophic Plate Count	2600 CFU/ml	1.0	1	05/27/11	da	05/29/11	bd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	1300 ug/L	100	100	06/01/11	was	06/01/11	was	N	
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-43 Date Collected: 05/26/11 10:28 Matrix: Ground Water
Sample ID: MW-32S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023410

Benzene	3.4 ug/L	0.50	1	05/31/11	jq	05/31/11	jq		
Toluene	1.3 ug/L	0.50	1	05/31/11	jq	05/31/11	jq		
Ethylbenzene	3200 ug/L	50	100	05/31/11	jq	06/01/11	jq		
m,p-Xylene	10000 ug/L	100	100	05/31/11	jq	06/01/11	jq	N	
o-Xylene	780 ug/L	50	100	05/31/11	jq	06/01/11	jq	N	
Xylenes, total	11000 ug/L	150	100	05/31/11	jq	06/01/11	jq		
Surrogates:									
1,2-Dichloroethane-d4	95 %	68-133	1	05/31/11	jq	05/31/11	jq		
1,2-Dichloroethane-d4	93 %	68-133	100	05/31/11	jq	06/01/11	jq		
Toluene-d8	94 %	75-120	1	05/31/11	jq	05/31/11	jq		
Toluene-d8	95 %	75-120	100	05/31/11	jq	06/01/11	jq		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	17000 ug/L	250	250	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	05/31/11	kb	06/03/11	avl	302	
2-Fluorobiphenyl	* %	36-119	250	05/31/11	kb	06/03/11	avl	302	
Terphenyl-d14	* %	37-109	250	05/31/11	kb	06/03/11	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.35 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-43 Date Collected: 05/26/11 10:28 Matrix: Ground Water
Sample ID: MW-32S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023350

Nitrate as N	<0.25 mg/L	0.25	5	05/27/11	bd	05/27/11	bd
Sulfate as SO4	49 mg/L	2.5	5	05/27/11	bd	05/27/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023422

Ammonia as N	1.4 mg/L	0.010	1	06/02/11	sm	06/02/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023367

Total Dissolved Solids	700 mg/L	10	1	05/31/11	da	05/31/11	da
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Analysis Method: SM 2540 D-97

Batch: T023368

Total Suspended Solids	41 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023353

Heterotrophic Plate Count	56000 CFU/ml	1.0	1	05/27/11	da	05/29/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	7200 ug/L	200	200	06/01/11	was	06/01/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-44 Date Collected: 05/26/11 11:04 Matrix: Ground Water
Sample ID: MW-33S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023423

Benzene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was		
Toluene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was		
Ethylbenzene	7.5 ug/L	0.50	1	06/01/11	was	06/01/11	was		
m,p-Xylene	32 ug/L	1.0	1	06/01/11	was	06/01/11	was	N	
o-Xylene	4.8 ug/L	0.50	1	06/01/11	was	06/01/11	was	N	
Xylenes, total	37 ug/L	1.5	1	06/01/11	was	06/01/11	was		
Surrogates:									
1,2-Dichloroethane-d4	106 %	68-133	1	06/01/11	was	06/01/11	was		
Toluene-d8	98 %	75-120	1	06/01/11	was	06/01/11	was		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023384

Bis(2-ethylhexyl)phthalate	2300 ug/L	250	250	05/31/11	kb	06/03/11	avl		
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	05/31/11	kb	06/03/11	avl	302	
2-Fluorobiphenyl	* %	36-119	250	05/31/11	kb	06/03/11	avl	302	
Terphenyl-d14	* %	37-109	250	05/31/11	kb	06/03/11	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T023374

Phosphorus	0.15 mg/L	0.050	1	05/31/11	ns	06/01/11	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T023322

Lead	<0.0030 mg/L	0.0030	1	05/27/11	jd	05/31/11	jd		
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-44 Date Collected: 05/26/11 11:04 Matrix: Ground Water
 Sample ID: MW-33S Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T023350

Nitrate as N	0.28 mg/L	0.25	5	05/27/11	bd	05/27/11	bd
Sulfate as SO4	77 mg/L	2.5	5	05/27/11	bd	05/27/11	bd

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T023422

Ammonia as N	1.4 mg/L	0.010	1	06/02/11	sm	06/02/11	sm
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Analysis Method: SM 2540 C-97

Batch: T023367

Total Dissolved Solids	700 mg/L	10	1	05/31/11	da	05/31/11	da
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Analysis Method: SM 2540 D-97

Batch: T023368

Total Suspended Solids	92 mg/L	4.0	1	05/31/11	da	05/31/11	da
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Analysis Method: SM9215B

Batch: T023353

Heterotrophic Plate Count	9300 CFU/ml	1.0	1	05/27/11	da	05/29/11	bd
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T023402

Methane	1500 ug/L	100	100	06/01/11	was	06/01/11	was	N
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ANALYTICAL RESULTS

Trace Project ID: T11E273
 Client Project ID: LEC / 01545.46.001

Trace ID: T11E273-45 Date Collected: 05/17/11 Matrix: Ground Water
 Sample ID: TB-03 Date Received: 05/27/11 10:13

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T023423

Benzene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was	
Toluene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was	
Ethylbenzene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was	
m,p-Xylene	<1.0 ug/L	1.0	1	06/01/11	was	06/01/11	was	N
o-Xylene	<0.50 ug/L	0.50	1	06/01/11	was	06/01/11	was	N
Xylenes, total	<1.5 ug/L	1.5	1	06/01/11	was	06/01/11	was	
Surrogates:								
1,2-Dichloroethane-d4	105 %	68-133	1	06/01/11	was	06/01/11	was	
Toluene-d8	99 %	75-120	1	06/01/11	was	06/01/11	was	

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QUALITY CONTROL RESULTS

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023378	Analysis Description: Dissolved Gases
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples	Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T023378-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T023378-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T023378-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	11.0	86	70-130	

LABORATORY CONTROL SAMPLE: T023378-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	10.9	85	70-130	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023402	Analysis Description: Dissolved Gases
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples	Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T023402-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T023402-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	13.7	107	70-130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023402-MSD1

Original: T11E273-31RE1

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	ug/L	28.8	128	150	142	94	89	70-130	6	15	

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Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023361	Analysis Description: Phosphorus, Total
QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids	Analysis Method: EPA 6010B

METHOD BLANK: T023361-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T023361-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	8.84	99	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023361-MSD1 Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Phosphorus	mg/L	0.0810	8.89	8.98	8.99	100	100	75-125	0.1	20	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023374	Analysis Description: Phosphorus, Total
QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids	Analysis Method: EPA 6010B

METHOD BLANK: T023374-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T023374-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	9.09	102	80-120	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023307	Analysis Description: Lead, Dissolved
QC Batch Method:	Analysis Method: EPA 6020

METHOD BLANK: T023307-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

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LABORATORY CONTROL SAMPLE: T023307-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.256	102	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023307-MSD1

Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.259	0.255	104	102	75-125	2	20	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023322
QC Batch Method:

Analysis Description: Lead, Dissolved
Analysis Method: EPA 6020

METHOD BLANK: T023322-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T023322-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.256	102	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023322-MSD1

Original: T11E273-38

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.255	0.256	102	102	75-125	0.5	20	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023361
QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids

Analysis Description: Lead, Total
Analysis Method: EPA 6020

METHOD BLANK: T023361-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T023361-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0589	106	80-120	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023361-MSD1

Original: **T11E273-31**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.0556	0.0616	0.0596	111	107	75-125	3	20	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023374

Analysis Description: Lead, Total

QC Batch Method: EPA 3015 Microwave Assisted Digestions for Liquids

Analysis Method: EPA 6020

METHOD BLANK: T023374-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T023374-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0572	103	80-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023339

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3510C Separatory Funnel Liquid-Liquid Extr.

Analysis Method: EPA 8270C

METHOD BLANK: T023339-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	57	36-103	
2-Fluorobiphenyl (S)	%	59	36-119	
Terphenyl-d14 (S)	%	75	37-109	

LABORATORY CONTROL SAMPLE: T023339-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	74.4	74	57-107	
Nitrobenzene-d5 (S)	%	100	67.9	68	36-103	
2-Fluorobiphenyl (S)	%	101	73.3	73	36-119	
Terphenyl-d14 (S)	%	105	81.6	78	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023339-MSD1

Original: **T11E273-11**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023339-MSD1

Original: T11E273-11

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	0.733	95.2	68.6	67.2	71	70	52-106	2	29	
Nitrobenzene-d5 (S)	%		95.2	53.9	53.6	57	56	36-103			
2-Fluorobiphenyl (S)	%		96.2	62.5	64.6	65	67	36-119			
Terphenyl-d14 (S)	%		100	62.8	63.9	63	64	37-109			

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023340

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

METHOD BLANK: T023340-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	60	36-103	
2-Fluorobiphenyl (S)	%	61	36-119	
Terphenyl-d14 (S)	%	76	37-109	

LABORATORY CONTROL SAMPLE: T023340-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	85.7	86	57-107	
Nitrobenzene-d5 (S)	%	100	70.0	70	36-103	
2-Fluorobiphenyl (S)	%	101	71.1	70	36-119	
Terphenyl-d14 (S)	%	105	78.9	75	37-109	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023384

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Description: Semi-volatiles, TCL list

Analysis Method: EPA 8270C

METHOD BLANK: T023384-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	60	36-103	
2-Fluorobiphenyl (S)	%	62	36-119	
Terphenyl-d14 (S)	%	72	37-109	

LABORATORY CONTROL SAMPLE: T023384-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	71.8	72	57-107	

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LABORATORY CONTROL SAMPLE: T023384-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrobenzene-d5 (S)	%	100	67.8	68	36-103	
2-Fluorobiphenyl (S)	%	101	69.1	68	36-119	
Terphenyl-d14 (S)	%	105	74.6	71	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023384-MSD1

Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	5.99	100	60.0	76.8	54	71	52-106	27	29	
Nitrobenzene-d5 (S)	%		100	54.9	68.3	55	68	36-103			
2-Fluorobiphenyl (S)	%		101	58.5	72.3	58	72	36-119			
Terphenyl-d14 (S)	%		105	59.8	73.5	57	70	37-109			

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023334

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023334-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	92	68-133	
Toluene-d8 (S)	%	80	75-120	

LABORATORY CONTROL SAMPLE: T023334-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	40.0	40.3	101	80-120	
Toluene	ug/L	40.0	34.3	86	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	28.7	96	68-133	
Toluene-d8 (S)	%	30.0	25.1	84	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023355

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

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METHOD BLANK: T023355-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	96	68-133	
Toluene-d8 (S)	%	79	75-120	

LABORATORY CONTROL SAMPLE: T023355-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.0	100	80-120	
Toluene	ug/L	20.0	16.4	82	80-120	
1,2-Dichloroethane-d4 (S)	%	35.1	32.9	94	68-133	
Toluene-d8 (S)	%	35.1	29.5	84	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023355-MSD1

Original: T11E273-11

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	10.0	11.8	14.2	118	142	78-114	19	11	230
Toluene	ug/L	0	10.0	9.50	11.3	95	113	77-118	18	10	207
1,2-Dichloroethane-d4 (S)	%		35.1	33.5	33.0	96	94	68-133			
Toluene-d8 (S)	%		35.1	29.0	29.4	83	84	75-120			

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023356

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023356-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	93	68-133	
Toluene-d8 (S)	%	80	75-120	

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LABORATORY CONTROL SAMPLE: T023356-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.6	103	80-120	
Toluene	ug/L	20.0	16.2	81	80-120	
1,2-Dichloroethane-d4 (S)	%	35.1	32.2	92	68-133	
Toluene-d8 (S)	%	35.1	29.0	83	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023359

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023359-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	97	68-133	
Toluene-d8 (S)	%	83	75-120	

LABORATORY CONTROL SAMPLE: T023359-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.2	101	80-120	
Toluene	ug/L	20.0	17.4	87	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	30.0	100	68-133	
Toluene-d8 (S)	%	30.0	24.0	80	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023382

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023382-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	

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METHOD BLANK: T023382-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	93	68-133	
Toluene-d8 (S)	%	85	75-120	

LABORATORY CONTROL SAMPLE: T023382-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.3	101	80-120	
Toluene	ug/L	20.0	15.9	79	80-120	113
1,2-Dichloroethane-d4 (S)	%	35.1	31.3	89	68-133	
Toluene-d8 (S)	%	35.1	28.5	81	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023382-MSD1

Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	23.8	22.0	119	110	78-114	8	11	208
Toluene	ug/L	0	20.0	18.5	17.3	93	87	77-118	7	10	
1,2-Dichloroethane-d4 (S)	%		35.1	31.8	31.7	91	90	68-133			
Toluene-d8 (S)	%		35.1	28.7	28.8	82	82	75-120			

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023407

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023407-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	106	68-133	
Toluene-d8 (S)	%	102	75-120	

LABORATORY CONTROL SAMPLE: T023407-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.0	95	80-120	
Toluene	ug/L	20.0	19.6	98	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	48.2	107	68-133	

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LABORATORY CONTROL SAMPLE: T023407-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Toluene-d8 (S)	%	45.0	45.3	101	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023410	Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples	Analysis Method: EPA 8260B

METHOD BLANK: T023410-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	95	68-133	
Toluene-d8 (S)	%	85	75-120	

LABORATORY CONTROL SAMPLE: T023410-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	21.3	106	80-120	
Toluene	ug/L	20.0	18.2	91	80-120	
1,2-Dichloroethane-d4 (S)	%	29.9	29.1	97	68-133	
Toluene-d8 (S)	%	29.9	24.8	83	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023423	Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples	Analysis Method: EPA 8260B

METHOD BLANK: T023423-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	105	68-133	
Toluene-d8 (S)	%	99	75-120	

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LABORATORY CONTROL SAMPLE: T023423-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	16.8	84	80-120	
Toluene	ug/L	20.0	16.9	84	80-120	
1,2-Dichloroethane-d4 (S)	%	45.0	46.4	103	68-133	
Toluene-d8 (S)	%	45.0	44.9	100	75-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023423-MSD1

Original: T11E273-40RE1

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	2000	1860	1880	93	94	78-114	1	11	
Toluene	ug/L	0	2000	1900	1940	95	97	77-118	2	10	
1,2-Dichloroethane-d4 (S)	%		45.0	46.9	47.3	104	105	68-133			
Toluene-d8 (S)	%		45.0	44.6	44.6	99	99	75-120			

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023429

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023429-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	95	68-133	
Toluene-d8 (S)	%	94	75-120	

LABORATORY CONTROL SAMPLE: T023429-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.6	98	80-120	
Toluene	ug/L	20.0	19.7	98	80-120	
1,2-Dichloroethane-d4 (S)	%	29.9	28.6	96	68-133	
Toluene-d8 (S)	%	29.9	27.3	91	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023436

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

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METHOD BLANK: T023436-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	92	68-133	
Toluene-d8 (S)	%	97	75-120	

LABORATORY CONTROL SAMPLE: T023436-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	20.6	103	80-120	
Toluene	ug/L	20.0	19.3	96	80-120	
1,2-Dichloroethane-d4 (S)	%	35.1	31.6	90	68-133	
Toluene-d8 (S)	%	35.1	33.0	94	75-120	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023450	Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples	Analysis Method: EPA 8260B

METHOD BLANK: T023450-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	99	68-133	
Toluene-d8 (S)	%	91	75-120	

LABORATORY CONTROL SAMPLE: T023450-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.2	96	80-120	
Toluene	ug/L	20.0	18.0	90	80-120	
1,2-Dichloroethane-d4 (S)	%	29.9	29.7	99	68-133	
Toluene-d8 (S)	%	29.9	27.0	90	75-120	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

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QC Batch: T023452

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023452-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	91	68-133	
Toluene-d8 (S)	%	98	75-120	

LABORATORY CONTROL SAMPLE: T023452-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.5	97	80-120	
Toluene	ug/L	20.0	19.1	96	80-120	
1,2-Dichloroethane-d4 (S)	%	35.1	31.8	91	68-133	
Toluene-d8 (S)	%	35.1	34.9	99	75-120	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023473

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260B

METHOD BLANK: T023473-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<1.0	1.0	
Toluene	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	101	68-133	
Toluene-d8 (S)	%	93	75-120	

LABORATORY CONTROL SAMPLE: T023473-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.1	96	80-120	
Toluene	ug/L	20.0	19.0	95	80-120	
1,2-Dichloroethane-d4 (S)	%	29.9	29.7	99	68-133	
Toluene-d8 (S)	%	29.9	27.5	92	75-120	

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Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023292	Analysis Description: Nitrate
QC Batch Method: IC Prep W	Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T023292-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T023292-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.475	95	90-110	
Sulfate as SO4	mg/L	2.50	2.53	101	90-110	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023327	Analysis Description: Nitrate
QC Batch Method: IC Prep W	Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T023327-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T023327-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.464	93	90-110	
Sulfate as SO4	mg/L	2.50	2.34	93	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023327-MSD1 Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	0.303	6.00	5.62	5.56	89	88	80-120	1	20	
Sulfate as SO4	mg/L	11.8	30.0	39.2	39.2	91	91	80-120	0.002	20	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023350	Analysis Description: Nitrate
QC Batch Method: IC Prep W	Analysis Method: EPA 300.0 Rev. 2.1

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METHOD BLANK: T023350-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.075	0.075	
Sulfate as SO4	mg/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T023350-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.480	96	90-110	
Sulfate as SO4	mg/L	2.50	2.40	96	90-110	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023344	Analysis Description: Nitrogen, Ammonia
QC Batch Method: EPA 350.1 Rev. 2.0	Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T023344-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T023344-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	0.977	98	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023344-MSD1 Original: T11E273-13

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.0318	1.00	0.961	0.965	93	93	90-110	0.4	7.9	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023345	Analysis Description: Nitrogen, Ammonia
QC Batch Method: EPA 350.1 Rev. 2.0	Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T023345-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

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LABORATORY CONTROL SAMPLE: T023345-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	0.967	97	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T023345-MSD1

Original: T11E273-31

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.0723	1.00	1.03	1.03	96	96	90-110	0	7.9	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023422

Analysis Description: Nitrogen, Ammonia

QC Batch Method: EPA 350.1 Rev. 2.0

Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T023422-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T023422-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	1.00	100	90-110	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023316

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

METHOD BLANK: T023316-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T023316-DUP1

Original: T11E273-13

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	253	252	0.4	20	

Trace Project ID: T11E273

Client Project ID: LEC / 01545.46.001

QC Batch: T023348

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

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METHOD BLANK: T023348-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T023348-DUP1 Original: T11E273-31

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	299	324	8	20	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023367	Analysis Description: Total Dissolved Solids
QC Batch Method: SM 2540 C-97	Analysis Method: SM 2540 C-97

METHOD BLANK: T023367-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T023367-DUP1 Original: T11E273-40

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	639	643	0.6	20	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023315	Analysis Description: Total Suspended Solids
QC Batch Method: SM 2540 D-97	Analysis Method: SM 2540 D-97

METHOD BLANK: T023315-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T023315-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	52.0	104	85-115	

SAMPLE DUPLICATE: T023315-DUP1 Original: T11E273-22

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	68.0	68.0	0	20	

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Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023349	Analysis Description: Total Suspended Solids
QC Batch Method: SM 2540 D-97	Analysis Method: SM 2540 D-97

METHOD BLANK: T023349-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

LABORATORY CONTROL SAMPLE: T023349-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	48.0	96	85-115	

LABORATORY CONTROL SAMPLE: T023349-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	49.0	98	85-115	

LABORATORY CONTROL SAMPLE: T023349-BS3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	48.0	96	85-115	

LABORATORY CONTROL SAMPLE: T023349-BS4

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	46.0	92	85-115	

SAMPLE DUPLICATE: T023349-DUP1 Original: T11E273-31

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	5.00	7.00	33	20	623

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023368	Analysis Description: Total Suspended Solids
QC Batch Method: SM 2540 D-97	Analysis Method: SM 2540 D-97

METHOD BLANK: T023368-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<10	10	

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LABORATORY CONTROL SAMPLE: T023368-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	47.0	94	85-115	

SAMPLE DUPLICATE: T023368-DUP1 Original: T11E273-40

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	23.0	18.0	24	20	623

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023299	Analysis Description: Heterotrophic Plate Count
QC Batch Method: SM9215B	Analysis Method: SM9215B

METHOD BLANK: T023299-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023333	Analysis Description: Heterotrophic Plate Count
QC Batch Method: SM9215B	Analysis Method: SM9215B

METHOD BLANK: T023333-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T11E273
Client Project ID: LEC / 01545.46.001

QC Batch: T023353	Analysis Description: Heterotrophic Plate Count
QC Batch Method: SM9215B	Analysis Method: SM9215B

METHOD BLANK: T023353-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 3

TRACE ID NO.
T11E273

Report Results To:		Client Name: RMT, Inc	
Contact Person: Scott Pawlukiewicz		Mailing Address: 2025 E. BELTLINE Ave. SE Ste 402	
City, State, Zip Code: GRAND RAPIDS MI 49546		Phone: 616 975 5415 Fax: 616 975 1088	
Email Address: Scott.pawlukiewicz@rmtinc.com		Cell #: 616 915 3604 Sampled by: SP/MA	
Project Name & #: 01545.46.001		Billing Address (if different): _____	
City, State, Zip Code: MADISON, WI		Attn: _____ Phone: _____ PO #: _____	
Request for Analytical Services		TRACE USE ONLY	
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED
01	5/23/11	1443	-
02	5/23/11	1448	-
03	5/23/11	1505	-
04	5/23/11	1515	-
05	5/23/11	1525	-
06	5/23/11	1535	-
07	5/23/11	1555	-
08	5/23/11	1610	-
09	5/23/11	1650	-
10	5/23/11	1705	-
CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS
DEC-02	W	4	2
SW-D-5	W	4	2
SW-R-1	W	4	2
SW-R-2	W	4	2
SW-R-3	W	4	2
SW-R-4	W	4	2
SW-D-4	W	4	2
SW-R-6	W	4	2
SW-D-3	W	4	2
SW-D-2	W	4	2
Please Sign		ANALYSIS REQUESTED	
Item #	RELEASED BY	RECEIVED BY	DATE
1)	Scott Pawlukiewicz	[Signature]	5/24/11 1906
2)	FED-EX	[Signature]	5/25/11 11:05
Item #	RELEASED BY	RECEIVED BY	DATE
3)			
4)			

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
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Page 2 of 3

TRACE ID NO.
T11E273

Report Results To:
 Client Name: **RMT, Inc.**
 Contact Person: **Scott Pawlukiewicz**
 Mailing Address: **2025 E. Beltline Ave. SE Ste. 402**
 City, State, Zip Code: **Grand Rapids MI 49546**
 Phone: **616 975 5415** Fax: **616 975 1088**
 Email Address: **scott.pawlukiewicz@rmtinc.com**
 Cell #: **616 915 3604** Sampled by: **SP/MA**
 Project Name & #: **01545.46.001 / LEC**

Bill To:
 Billing Address (if different) _____
 City, State, Zip Code: **Madison, WI**
 Attn: _____ Phone: _____ PO #: _____

TRACE USE ONLY
 Logged By: *[Signature]* Checked By: *[Signature]*
 Received on Ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDL's <input type="checkbox"/>	Standard <input checked="" type="checkbox"/>	S = Soil
Drinking Water <input type="checkbox"/>	3-4 Day (RUSH)* <input type="checkbox"/>	W = Water
NPDES <input type="checkbox"/>	24-48 Hour (RUSH)* <input type="checkbox"/>	SE = Sediment
USACE <input type="checkbox"/>	* Requires prior approval	Ol = Oil
Special <input type="checkbox"/>		SO = Solid Waste
		WI = Wipes
		LW = Liquid Waste
		A = Air
		D = Drinking Water
		SL = Sludge

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX	DEHP	CHL	HPC	NB3/SO4/TSS/TDS	MR2/P	D.S. PB	REMARKS	Possible Health Hazard
11	5/23/11	1720	-	SW-D-1	W	8	4	4						MS/MSD	
12	5/23/11	---	-	Dup-01	W	2	2								
13	5/24/11	0855	y	MW-19-12	W	10	2	2	2	1	1	1	1		
14	5/24/11	1043	y	MW-19-17	W	10	2	2	2	1	1	1	1		
15	5/24/11	1248	y	MW-19-15	W	10	2	2	2	1	1	1	1		
16	5/24/11	1352	y	MW-19-16	W	10	2	2	2	1	1	1	1		
17	5/24/11	1453	y	MW-19-14	W	10	2	2	2	1	1	1	1		
18	5/24/11	1551	y	MW-19R	W	10	2	2	2	1	1	1	1		
19	5/24/11	0915	y	MW-295	W	10	2	2	2	1	1	1	1		
20	5/24/11	1446	y	MW-8	W	10	2	2	2	1	1	1	1		

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<i>[Signature]</i>	<i>[Signature]</i>	5/24/11	1900	3)				
2)	FED-SE	<i>[Signature]</i>	5/25/11	11:05	4)				

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Muskegon, MI 49444-2673
www.trace-labs.com

Page 3 of 3

TRACE ID NO.
J11E273

Report Results To:		Client Name: RMT, Inc.		Contact Person: Scott Pawlukiewicz		Mailing Address: 3025 E. BELTLINE Ave. SE Ste 462		City, State, Zip Code: Grand Rapids, MI 49546		Phone: 616 975 5415 Fax: 616 975 1098		Email Address: Scott.pawlukiewicz@rmtinc.com		Cell #: 616 915 3604 Sampled by: SP/MA		Project Name & #: 01545-46.001 / LEC	
		Bill To:		Billing Address (if different)		City, State, Zip Code: MADISON, WI		Attn:		Phone:		PO #:		ANALYSIS REQUESTED Possible Health Hazard			
Request for Analytical Services		TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	PREFIX DEHP CHL HPC NO ₂ /SO ₄ /SS/TDS LAB / P DISS. Pb				REMARKS				
	21	5/24/11	1158	y	MW-25 (R)	W	10	2	2	2	1	1	1				
	22	5/24/11	1641	y	MW-30 S	W	10	2	2	2	1	1	1				
	23	5/24/11	-	-	TB-01	W	1	1									
Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME						
			<i>Scott Pawlukiewicz</i>	<i>FedEx</i>	5/24/11	1900	3)										
		2)	<i>Fed-Ex</i>	<i>J. D. [Signature]</i>	5/25/11	11:05	4)										

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Muskegon, MI 49444-2673
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Page 1 of 2

TRACE ID NO.
T11E273

Report Results To:
 Client Name: **RMT, Inc.**
 Contact Person: **Scott Pawlukiewicz**
 Mailing Address: **2025 E. BEULINE AVE. SE. Ste 402**
 City, State, Zip Code: **GRAND RAPIDS MI 49546**
 Phone: **616 975 5415** Fax: **616 975 1098**
 Email Address: **Scott.pawlukiewicz@rmtinc.com**
 Cell #: **616 915 3604** Sampled by: **SP/MA**
 Project Name & #: **01545.46.001 / LEG**

Bill To:
 Billing Address (if different):
 City, State, Zip Code: **MADISON, WI**
 Attn: Phone: PO #:

TRACE USE ONLY
 Logged By: *[Signature]* Checked By: *[Signature]*
 Received on Ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time:

Regulatory Requirements
 MERA TMDL's
 Drinking Water
 NPDES
 USACE
 Special
Turnaround Requirements
 Standard
 3-4 Day (RUSH)*
 24-48 Hour (RUSH)*
 * Requires prior approval
Matrix Key
 S = Soil
 W = Water
 SE = Sediment
 OI = Oil
 SO = Solid Waste
 WI = Wipes
 LW = Liquid Waste
 A = Air
 D = Drinking Water
 SL = Sludge

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED											REMARKS	Possible Health Hazard
							BTAL	DEHP	CAH	HPC	MO3/RO4/ES/KDS	MH3/P	DIS. Pb.						
24	5/25/11	0834	y	MW-19-6R	W	10	2	2	2	1	1	1	1						
25	5/25/11	1025	y	MW-19-13	W	10	2	2	2	1	1	1	1						
29	5/25/11	1050	N	ATM-01	W	10	2	2	2	1	1	1	1*					TOTAL Pb.	
27	5/25/11	1142	y	MW-19-7R	W	10	2	2	2	1	1	1	1						
28	5/25/11	1248	y	MW-19-5R	W	10	2	2	2	1	1	1	1						
29	5/25/11	1425	y	MW-27s	W	10	2	2	2	1	1	1	1						
30	5/25/11	0902	y	MW-30i	W	10	2	2	2	1	1	1	1						
31	5/25/11	1028	y	MW-30D	W	20	4	4	4	2	2	2	2					MS/MSD	
32	5/25/11	1246	y	MW-28s	W	10	2	2	2	1	1	1	1						
33	5/25/11	1410	y	MW-28i	W	10	2	2	2	1	1	1	1						

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<i>[Signature]</i>	<i>[Signature]</i>	5/25/11	1745	3)				
2)	<i>[Signature]</i>	<i>[Signature]</i>	5/25/11	10:23	4)				

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toll-free 800-733-5998
fax 231-773-6537

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 2 of 2

TRACE ID NO.
T11E273

Report Results To:		Client Name: <u>RMT, Inc.</u>																					
Contact Person: <u>Scott Pawlukiewicz</u>		Mailing Address: <u>2085 E. BELTLINE AVE. SE. STE 402</u>																					
City, State, Zip Code: <u>GRAND RAPIDS MI 49506</u>		Phone: <u>616 975 5415</u> Fax: <u>616 975 1098</u>																					
Email Address: <u>Scott.pawlukiewicz@rmtinc.com</u>		Cell #: <u>616 975 3604</u> Sampled by: <u>Sp/MS</u>																					
Project Name & #: <u>01545-46-001 / LEC</u>		Billing Address (if different): _____																					
Bill To:		City, State, Zip Code: <u>Mason, WI</u>																					
Attn: _____ Phone: _____ PO #: _____		Regulatory Requirements																					
		Turnaround Requirements																					
		Matrix Key																					
		MERA TMDL's <input type="checkbox"/> Standard <input checked="" type="checkbox"/> W = Soil Drinking Water <input type="checkbox"/> 3-4 Day (RUSH)* <input type="checkbox"/> W = Water NPDES <input type="checkbox"/> 24-48 Hour (RUSH)* <input type="checkbox"/> SE = Sediment USACE <input type="checkbox"/> * Requires prior approval Special <input type="checkbox"/> SO = Solid Waste SL = Sludge																					
		ANALYSIS REQUESTED																					
		Possible Health Hazard																					
Request for Analytical Services		REMARKS																					
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	BTEX		DEHP		Cd		HPC		NO3/SO4/SS/TDS		LAZ/P		Dist. Pb		REMARKS		
34	5/25/11	1530	-	RB-01	W	4	2	2															
35	5/25/11	1545	N	RB-03	W	10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	Total Pb	
36	5/25/11	1555	N	RB-02	W	10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	Total Pb.	
37	5/25/11	-	Y	Dup-02	W	10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
38	5/25/11	-	Y	Dup-03	W	10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
39	5/17/11			Trip Blank	W	1	X																
Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME												
		1)	<u>B. Pawlukiewicz</u>	<u>Fedex</u>	<u>5/25/11</u>	<u>1745</u>	3)																
		2)	<u>Fedex</u>	<u>James</u>	<u>5/26/11</u>	<u>10:23</u>	4)																

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 1

TRACE ID NO.
T11E273

Report Results To:		Client Name: <u>RMT, Inc.</u>			
		Contact Person: <u>Scott Pawlukiewicz</u>			
		Mailing Address: <u>2085 E. BEVELINE AVE SE. STE. 402</u>			
		City, State, Zip Code: <u>Grand Rapids, MI 49546</u>			
Bill To:		Phone: <u>616 975 5415</u>		Fax: <u>616 975 1088</u>	
Billing Address (if different):		Project #: <u>01545-46-001</u>		Trace Quote #:	
City, State, Zip Code: <u>Mosson, WI</u>		Project Name: <u>LEC</u>		Sampled by: <u>SP/MA</u>	
Attn:		Project Name: <u>LEC</u>		Sampled by: <u>SP/MA</u>	
Request for Analytical Services		Regulatory Requirements		Turnaround Requirements	
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX
40	24 5/26/11	0813	y	MW-31s	W
41	25 5/26/11	0914	y	MW-35s	W
42	26 5/26/11	0952	y	MW-34s	W
43	27 5/26/11	1028	y	MW-32s	W
44	28 5/26/11	1104	y	MW-33s	W
45	29 5/17/11	—	—	TB-03	W
Please Sign		ANALYSIS REQUESTED		Possible Health Hazard	
Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #
1)	B. Pawlukiewicz	FedEx	5/26/11	1700	3)
2)	FedEx	SP/MA	5/27/11	10:13	4)

TRACE USE ONLY

Logged By: [Signature] Checked By: [Signature]

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements

MERA TMDLs Standard (2 wk)

Drinking Water * 5 Day

NPDES * 2-4 Day (RUSH)

USACE * 24 Hour (RUSH)

Special * Requires prior approval

Matrix Key

S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste

WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS
40	24 5/26/11	0813	y	MW-31s	W	10	
41	25 5/26/11	0914	y	MW-35s	W	10	
42	26 5/26/11	0952	y	MW-34s	W	10	
43	27 5/26/11	1028	y	MW-32s	W	16	
44	28 5/26/11	1104	y	MW-33s	W	10	
45	29 5/17/11	—	—	TB-03	W	1	

Handwritten notes in table:
BTEX DEHP CHL HPC NO2 Sulfates / TDS
NH4 PP Diss. Pb.

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

SAMPLE LOG IN CHECKLIST

Date: 5-25-11 Client Name: BMT # of Coolers: 1
Trace ID #: T11E273 Project Name: _____ Cooler #s: _____
Logged in by: [Signature] Cooler #s: _____

Cooler Receipt

Cooler/samples delivered by: Trace courier
Hand delivered Name of delivery person: _____
Commercial courier UPS DHL FED EX US Mail
Did cooler come with a bill of lading? No Not Applicable
Yes Way Bill or Tracking #: _____
COC Seals present and intact on cooler? No Not Applicable
Yes
Custody seals signed by Client? No Client custody seal # (if applicable): _____
Yes

Coolant and Temperature

Type of Coolant Used		Cooler Temperature		Correction Factor
Yes	No	Date	Time	°C
Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<u>5-25-11</u>	<u>11:25</u>	<u>-0</u>
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	Temperature Blank:	_____	°C
Ice Packs/ Blue Ice :	<input type="checkbox"/>	Range of 3 samples:	<u>-0</u>	°C
No Coolant Present:	<input type="checkbox"/>	Melt Water:	_____	°C
		Ice still present upon receipt:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

General

	Yes	No	NA
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct preservative added to samples?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contact: _____ Date: _____

Notes:

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SAMPLE LOG IN CHECKLIST

Date: <u>5-26-11</u>		Client Name: <u>BMT</u>		# of Coolers: <u>4</u>		
Trace ID #: <u>T11E273</u>		Project Name: _____		Cooler #s: _____		
Logged in by: <u>[Signature]</u>		Cooler #s: _____		Cooler #s: _____		
Cooler Receipt						
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>		Name of delivery person: _____		
		Hand delivered <input type="checkbox"/>		UPS <input type="checkbox"/> DHL <input type="checkbox"/> FED EX <input checked="" type="checkbox"/> US Mail <input type="checkbox"/>		
		Commercial courier <input checked="" type="checkbox"/>		Way Bill or Tracking #: _____		
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		Not Applicable <input type="checkbox"/>		
		Yes <input type="checkbox"/>				
COC Seals present and intact on cooler?		No <input type="checkbox"/>		Not Applicable <input type="checkbox"/>		
		Yes <input checked="" type="checkbox"/>				
Custody seals signed by Client?		No <input type="checkbox"/>		Client custody seal # (if applicable): _____		
		Yes <input checked="" type="checkbox"/>				
Coolant and Temperature						
Type of Coolant Used			Cooler Temperature Correction Factor <u>0</u> °C			
			Date: <u>5-26-11</u> Time: <u>16:23</u>			
Slurry w/ crushed, cubed, or chip ice? Yes <input type="checkbox"/> No <input type="checkbox"/>			Temperature Blank: _____ °C			
Multiple bags of ice around samples? <input checked="" type="checkbox"/> <input type="checkbox"/>			Range of 3 samples: <u>0</u> °C			
Ice Packs/ Blue Ice: <input type="checkbox"/> <input type="checkbox"/>			Melt Water: _____ °C			
No Coolant Present: <input type="checkbox"/>			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
General						
				Yes	No	NA
COC taped to inside of cooler lid?				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct preservative added to samples?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
COC filled out properly and signed by client?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____				Date: _____		
Notes: <u>SAMPLE MW 28-S 2 AMBERS READ 25-S</u>						
<u>Times matched</u>						

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SAMPLE LOG IN CHECKLIST

Date: 5-27-11 Client Name: RMT # of Coolers: 1
Trace ID #: T11E273 Project Name: [Signature] Cooler #s: _____
Logged in by: [Signature] Cooler #s: _____

Cooler Receipt

Cooler/samples delivered by: Trace courier Hand delivered Commercial courier Name of delivery person: _____
UPS DHL FED EX US Mail
Did cooler come with a bill of lading? No Yes Not Applicable Way Bill or Tracking #: _____
COC Seals present and intact on cooler? No Yes Not Applicable
Custody seals signed by Client? No Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used	Yes	No	Cooler Temperature	Correction Factor -0.4°C
Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<input type="checkbox"/>	Date: <u>5-27-11</u>	Time: <u>10:13</u>
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temperature Blank: _____	°C
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	Range of 3 samples: _____	°C
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	Melt Water: _____	°C
			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

General

	Yes	No	NA
COC taped to inside of cooler lid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contact: _____ Date: _____

Notes:

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July 01, 2011

Mr. Barry Culp
TRC Solutions
30 Patewood Dr.
Greenville, SC 29680

Phone: (864) 234-9350
Fax: (864) 281-0288

RE: Trace Project T11F298
Client Project LEC / 01545.46.001

Dear Mr. Culp:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,



Jon Mink
Project Manager

Enclosures



NJDEP Accreditation No. MI008 PADEP Accreditation No. 68-04471

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phone 231.773.5998
toll-free 800.733.5998
fax 231.773.6537

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
info@trace-labs.com
www.trace-labs.com

SAMPLE SUMMARY

Trace Project ID: T11F298
Client Project ID: LEC / 01545.46.001

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T11F298-01	Rinsate-1	Surface Water	ma	06/23/11 11:52	06/24/11 10:51

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

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 Muskegon, MI 49444-2673
 info@trace-labs.com
 www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: T11F298
 Client Project ID: LEC / 01545.46.001

Trace ID: T11F298-01 Date Collected: 06/23/11 11:52 Matrix: Surface Water
 Sample ID: Rinsate-1 Date Received: 06/24/11 10:51

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
------------	---------	-------	-----	----------	----------	----	----------	----	-------	-----

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T023850

Bis(2-ethylhexyl)phthalate	<0.95	ug/L	0.95	1	06/27/11	kb	06/29/11	avl		
----------------------------	-------	------	------	---	----------	----	----------	-----	--	--

Surrogates:

Nitrobenzene-d5	39 %		36-103	1	06/27/11	kb	06/29/11	avl		
2-Fluorobiphenyl	39 %		36-119	1	06/27/11	kb	06/29/11	avl		
Terphenyl-d14	46 %		37-109	1	06/27/11	kb	06/29/11	avl		

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QUALITY CONTROL RESULTS

Trace Project ID: T11F298

Client Project ID: LEC / 01545.46.001

QC Batch: T023850	Analysis Description: Semi-volatiles, TCL list
QC Batch Method: EPA 3510C Separatory Funnel Liquid-Liquid Extr.	Analysis Method: EPA 8270C

METHOD BLANK: T023850-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	50	36-103	
2-Fluorobiphenyl (S)	%	55	36-119	
Terphenyl-d14 (S)	%	69	37-109	

LABORATORY CONTROL SAMPLE: T023850-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	76.2	76	57-107	
Nitrobenzene-d5 (S)	%	100	72.2	72	36-103	
2-Fluorobiphenyl (S)	%	101	77.4	77	36-119	
Terphenyl-d14 (S)	%	105	83.3	79	37-109	

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CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
www.trace-labs.com

Page 1 of 1

TRACE ID NO.
T11F298

Report Results To:		Client Name: <u>RMT Inc.</u>	
		Contact Person: <u>Scott Pawlukiewicz</u>	
		Mailing Address: <u>2025 East Beltline Avenue</u>	
		City, State, Zip Code: <u>Grand Rapids MI 49546</u>	
Request for Analytical Services		Phone: <u>616-975-5415</u>	Fax: <u>616-915-3604</u>
		Email Address: <u>SPawlukiewicz@trc solutions.com</u>	
		Project #: <u>01545.46.001</u>	Trace Quote #:
		Project Name: <u>LE Carpenter</u>	
Bill To:		Billing Address (if different)	
		City, State, Zip Code	
		Attn:	Phone:
TRACE USE ONLY		Logged By: <u>[Signature]</u>	
		Received on ice: Yes No	
		Preservative Checked: Yes No N/A	
		Soil Volatiles Preserved: MeOH En Core Low Level Lab	
		Regulatory Requirements	
		Turnaround Requirements	
		Matrix Key	
		ANALYSIS REQUESTED	
		Possible Health Hazard	
		REMARKS	
		DEHP	

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS
01	6/23/11	11:52		Rinsate-1	W	2	X

Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
	1)		<u>[Signature]</u>				3)				
	2)		<u>[Signature]</u>		6/24/11	10:51	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

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SAMPLE LOG IN CHECKLIST

Date: <u>6-24-11</u>		Client Name: <u>BMT</u>		# of Coolers: <u>1</u>	
Trace ID #: <u>T111F298</u>		Project Name: _____		Cooler #s: _____	
Logged in by: <u>[Signature]</u>		_____		Cooler #s: _____	
Cooler Receipt					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	Name of delivery person: _____		
		Hand delivered <input type="checkbox"/>			
		Commercial courier <input checked="" type="checkbox"/>	UPS <input type="checkbox"/>	DHL <input type="checkbox"/>	FED EX <input type="checkbox"/>
			US Mail <input checked="" type="checkbox"/>		
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>		
		Yes <input type="checkbox"/>	Way Bill or Tracking #: _____		
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>		
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input checked="" type="checkbox"/>	Client custody seal # (if applicable): _____		
		Yes <input type="checkbox"/>			
Coolant and Temperature					
Type of Coolant Used			Cooler Temperature Correction Factor <u>0.1</u> °C		
	Yes	No	Date: <u>6-24-11</u>	Time: <u>10:51</u>	
Slurry w/ crushed, cubed, or chip ice?	<input type="checkbox"/>	<input type="checkbox"/>	Temperature Blank: _____	°C	
Multiple bags of ice around samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Range of 3 samples: <u>3</u>	°C	
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	Melt Water: _____	°C	
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	Ice still present upon receipt: <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
General					
	Yes	No	NA		
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
pH checked and samples at correct pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Correct preservative added to samples?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Was project manager called and samples discussed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Contact: _____			Date: _____		
Notes:					

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Appendix C Project Schedule

ID	Task Name	Duration	Start	Finish	4th Quarter			1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd Quarter					
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun			
260	UFP Compliant OAPP Preparation	315 days	Mon 12/21/09	Fri 3/4/11																								
261	RA WORK PLAN (RAWP) ADDENDUM IMPLEMENTATION	844 days	Mon 11/17/08	Thu 2/9/12																								
262	MW-30 AOC	508 days	Mon 3/1/10	Thu 2/9/12																								
263	Remedial Investigation (RI) & Pilot Test	508 days	Mon 3/1/10	Thu 2/9/12																								
264	Preconstruction Permitting	140 days	Mon 3/1/10	Fri 9/10/10																								
265	Prepare and submit NJDEP DLUR FHA Permit Application	69 days	Mon 3/1/10	Thu 6/3/10																								
266	NJDEP DLUR FHA Permit Review & Approval	76 edays	Fri 6/4/10	Thu 8/19/10																								
267	NJDEP DLUR FHA Permit Issued	0 days	Thu 8/19/10	Thu 8/19/10																								
268	Record FHA Permit with Morris County	16 days	Thu 8/19/10	Thu 9/9/10																								
269	Send County Sealed FHA Permit to NJDEP DLUR	1 day	Fri 9/10/10	Fri 9/10/10																								
270	RI (Soil, Groundwater & Sediment Investigation)	80 edays	Mon 9/5/11	Thu 11/24/11																								
271	Bioremediation Pilot Study	90 edays	Fri 11/11/11	Thu 2/9/12																								
272	MW19HS1 AOC	696 days	Mon 11/17/08	Sat 7/16/11																								
273	Bldg 9 Demolition	289 days	Mon 11/17/08	Thu 12/24/09																								
277	Preconstruction Permitting	53 days	Mon 11/2/09	Thu 1/14/10																								
284	MW19HS1 Soil Remediation	100 days	Mon 1/11/10	Fri 5/28/10																								
301	MW19HS1 RAR Addendum	295 days	Mon 5/31/10	Sat 7/16/11																								
302	RAR Addendum preparation and submittal	37 days	Mon 5/31/10	Tue 7/20/10																								
303	USEPA Review and Approval	360 edays	Wed 7/21/10	Sat 7/16/11																								
304	MW19HS1 Post Remedial Groundwater Performance Monitoring	160 days	Mon 11/8/10	Fri 6/17/11																								
305	Install USEPA approved performance monitoring network	10 edays	Mon 11/8/10	Thu 11/18/10																								
306	Soil gas investigation - MW19HS1 area	5 days	Mon 11/8/10	Fri 11/12/10																								
307	USEPA Review of soil gas investigation/vapor intrusion potential	30 days	Mon 5/9/11	Fri 6/17/11																								

Fri 7/8/11

Task		Milestone		Rolled Up Split		External Tasks		Deadline	
Split		Summary		Rolled Up Milestone		Project Summary			
Progress		Rolled Up Task		Rolled Up Progress		External Milestone			